KINSUN

Professional Connector Manufacturer

Waterproof

March 2025

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E153135(S)

About Kinsun Industries Inc.

Headquarters	: No.32 Guanye East Road, Pingzhen District, Taoyuan City 32457, Taiwan
Establishment	: 1982
Employees	: 500
Capital	: USD $10,000,000
Annual turnover	: USD $35,000,000
Main products	: M8 & M12 circular connectors, waterproof connectors, RJ Jacks, RF antennas, ICT connector, automotive connectors, medical connectors, stamping parts, cable assembly parts, and mechanical parts.

Introduction

Here at Kinsun, we provide not only the standardized products but also customer-oriented ODM, OEM, and turnkey solutions. From R&D design, sampling, developing tooling, verification, mass production, to inspection and delivery, all is taken place at our factory which brings to fine quality control and quick product development cycle. With 35+ years of experience in designing and manufacturing, Kinsun is a trustable and value-added partner who can make your idea a reality.

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KINSUN

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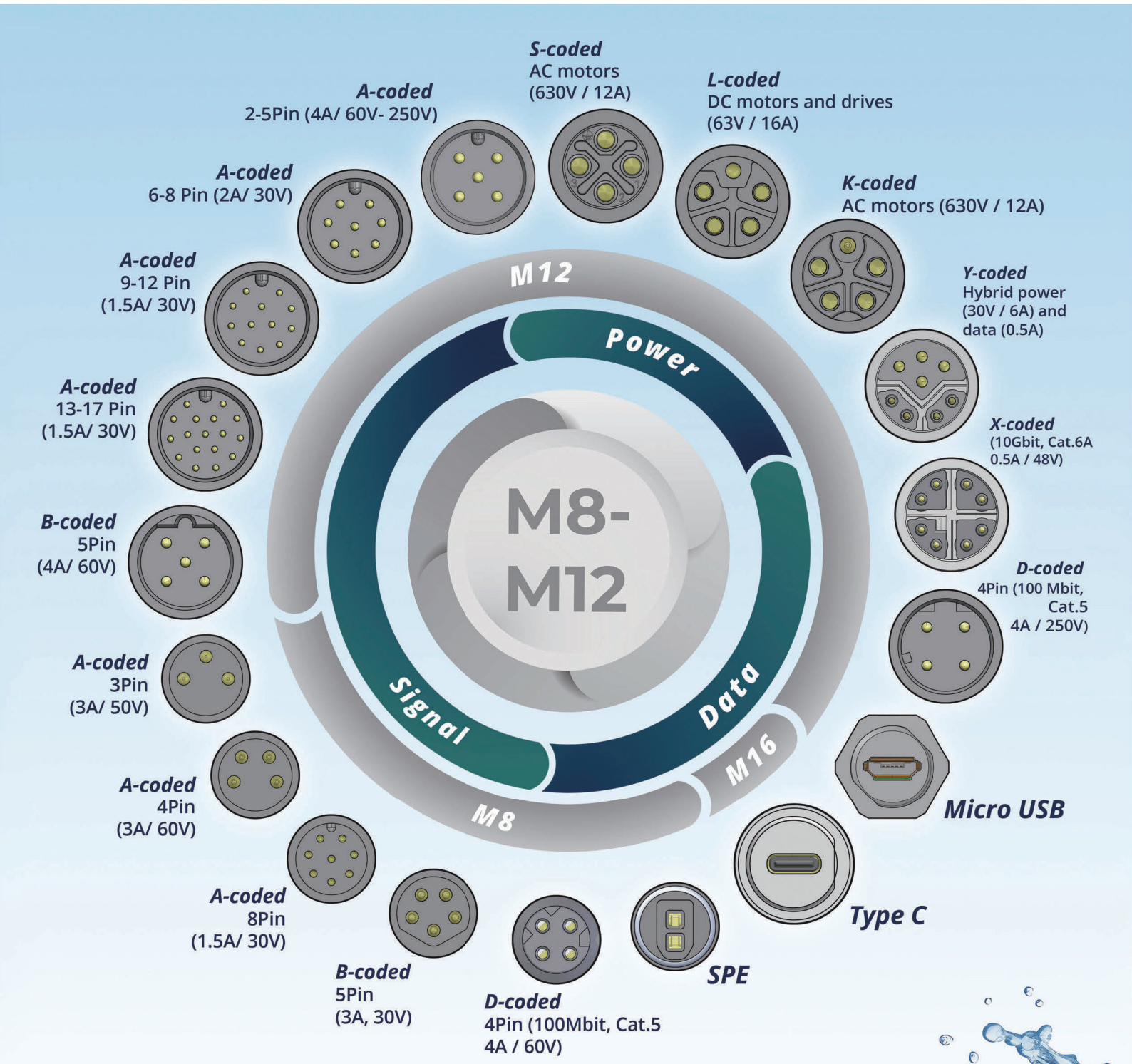

IP68

M8 - M12 WaterProof Connectors

(Screw Lock/ Fast Lock/ Push Pull)

KINSUN 慶陞工業股份有限公司

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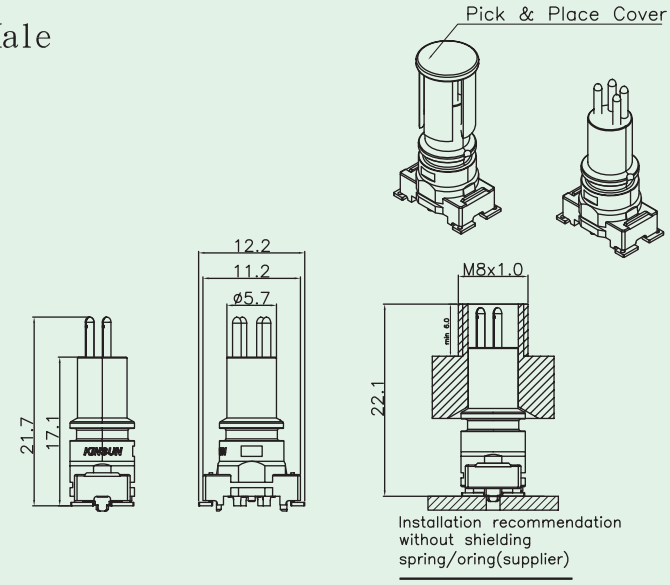
http://www.kinsun.com e-mail:infoa@kinsun.com

M8 Two-Piece SMD Contact Carrier

KINSUN

Male



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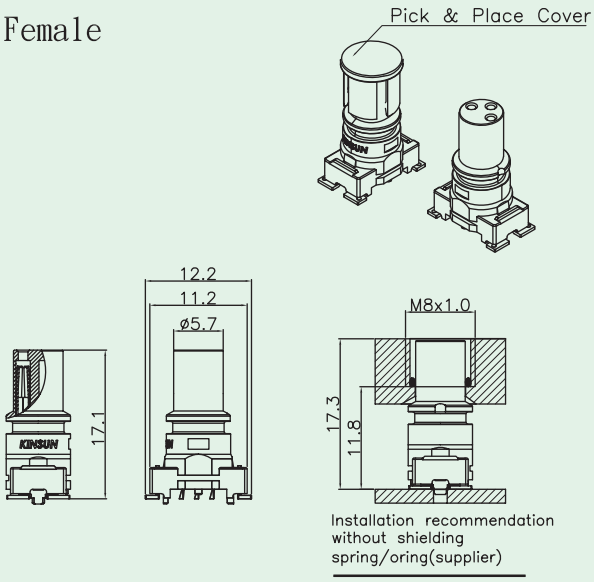
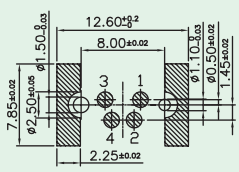


PCB Layout

A Code Male



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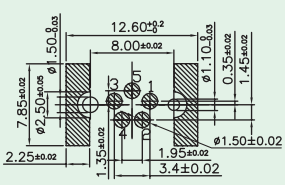
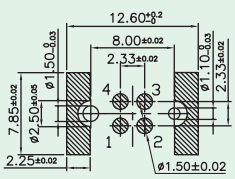
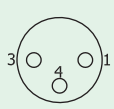
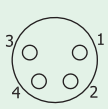
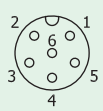
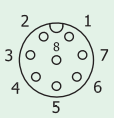
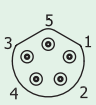
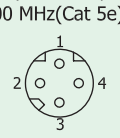
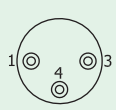
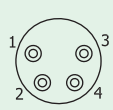
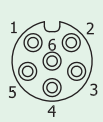
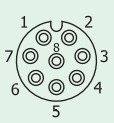
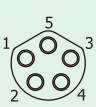
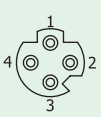


D Code Male



	A Code				B Code	D Code
	3PIN AC 3A/50V DC 3A/60V	4PIN 3A/50V 3A/60V	6PIN 1.5A/30V 1.5A/30V	8PIN 1.5A/30V 1.5A/30V	5PIN AC 3A/30V DC 3A/30V	4PIN 4A/60V Frequencies up to 100 MHz(Cat 5e)
Male						
Female						

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C6801/C3604/C5191(Pin), C6801/3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Standard** : IEC 61076-2-104/61076-2-114
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Degree** : IP68 (match and lock)
- **External Thread Metal Housing (Option)**

Specification Option

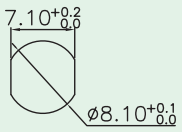
4012SMD

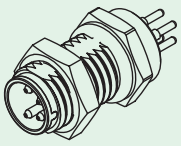
1.Male/Female
2.A/B/D Code, Pin Count

M8 DIP Connector (A/B/D-Code)

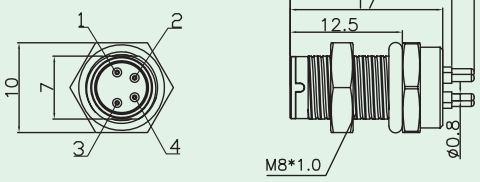
KINSUN

Male

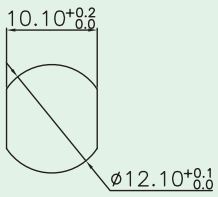


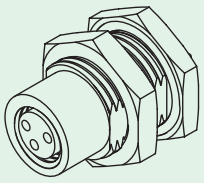


Panel Cut-out
Panel Thickness: max 3.5mm

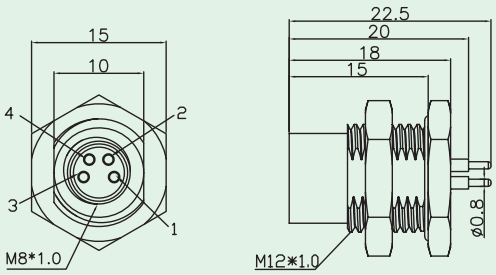


Female





Panel Cut-out
Panel Thickness: max 3.5mm



A Code				B Code	D Code
3PIN AC 3A/50V DC 3A/60V	4PIN 3A/50V 3A/60V	6PIN 1.5A/30V 1.5A/30V	8PIN 1.5A/30V 1.5A/30V	5PIN AC 3A/30V DC 3A/30V	4PIN 4A/60V Frequencies up to 100 MHz(Cat 5e)
Male					
PCB Layout					
Female					
PCB Layout					

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C6801/C3604/C5191(Pin), C6801/3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Standard** : IEC 61076-2-104/61076-2-114
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Degree** : IP68 (match and lock)
- **Nut Torque** : 6-8 kgf-cm

Specification Option

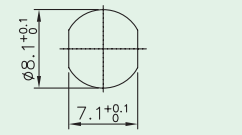
4012DIP

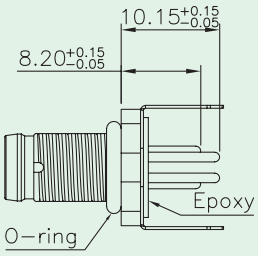
1.Male/Female
2.A/B/D Code, Pin Count

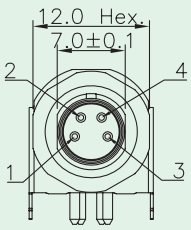
M8 Right-Angled DIP Connector (A/D-Code)

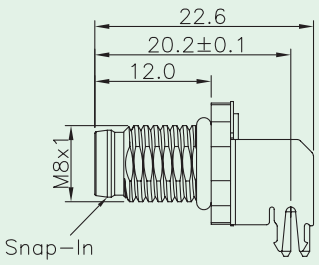
KINSUN

Male

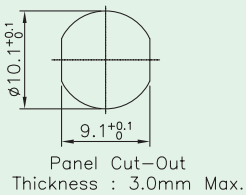


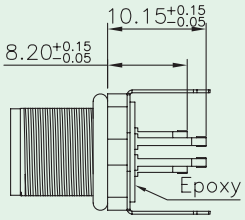


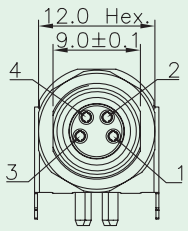


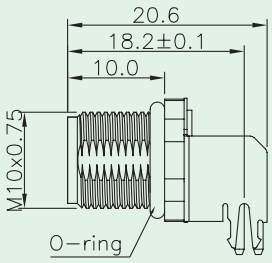


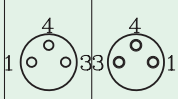
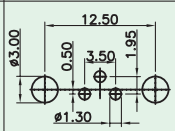
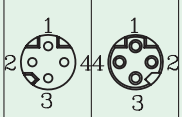
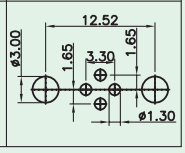
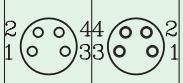
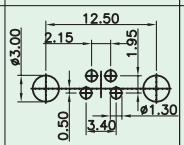
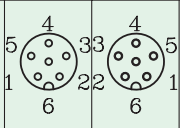
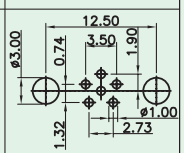
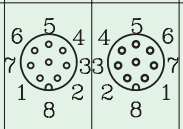
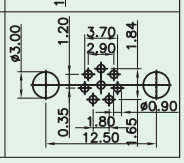
Female









Contact	A-Code		Rated Voltage/ Rated Current	PCB Layout	Contact	D-Code		Rated Voltage/ Rated Current	PCB Layout
	Male	Female				Male	Female		
3 Pin			50V AC/60V DC 3A		4 Pin			50V AC/60V DC 4A	
4 Pin			50V AC/60V DC 3A						
6 Pin			30V AC/30V DC 1.5A						
8 Pin			30V AC/30V DC 1.5A						

Specification

RoHs Compliant

- **Material** : Brass(Metal Housing.Pin), PBT(Housing), EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-104
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C To 85°C
- **Nut Torque** : 6-8kgf-cm

Specification Option

4012P

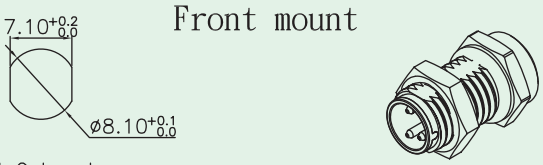
1.Male/Female
2.A/D Code, Pin Count

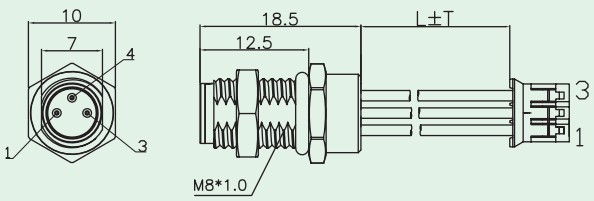
M8 Wire-to-Board Connector

KINSUN

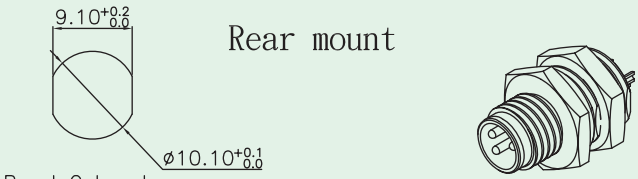
Male

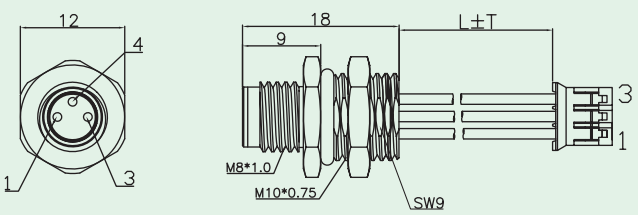
Front mount



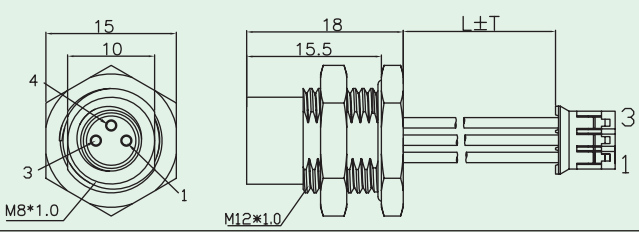


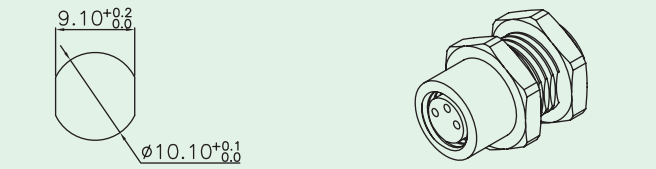
Rear mount

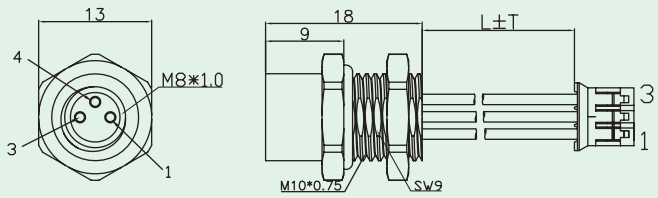


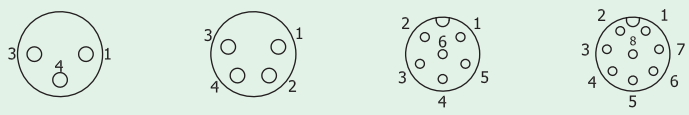
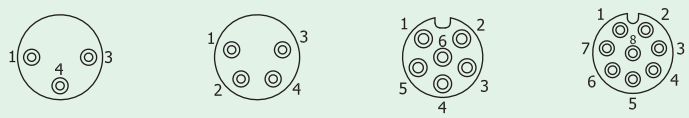


Female







A Code				B Code	D Code
3PIN AC 3A/50V DC 3A/60V	4PIN 3A/50V 3A/60V	6PIN 1.5A/30V 1.5A/30V	8PIN 1.5A/30V 1.5A/30V	5PIN AC 3A/30V DC 3A/30V	4PIN 4A/60V Frequencies up to 100 MHz(Cat 5e)
Male 					
Female 					

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C6801/C3604/C5191(Pin), C6801/C3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Standard** : IEC 61076-2-104/61076-2-114
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Degree** : IP68 (match and lock)
- **Nut Torque** : 6-8kgf-cm

Specification Option

4012WTB

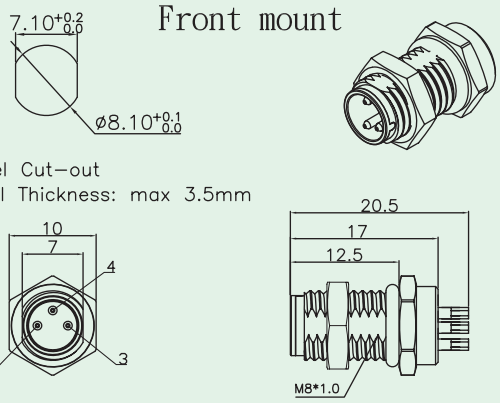
1.Front/Rear Mount
2.Male/Female
3.A/B/D Code, Pin Count
4.Wire Length
5.Housing Model Number

M8 Wire Assembly Connector

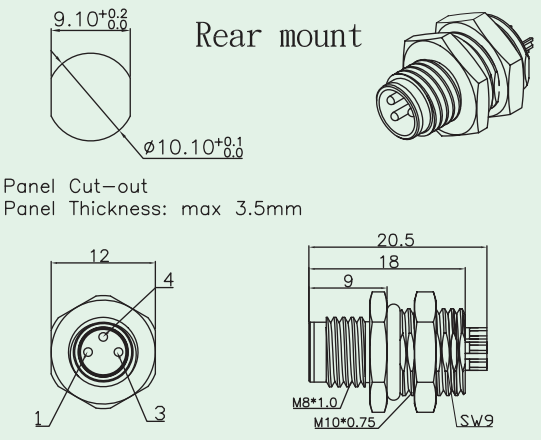
KINSUN

Male

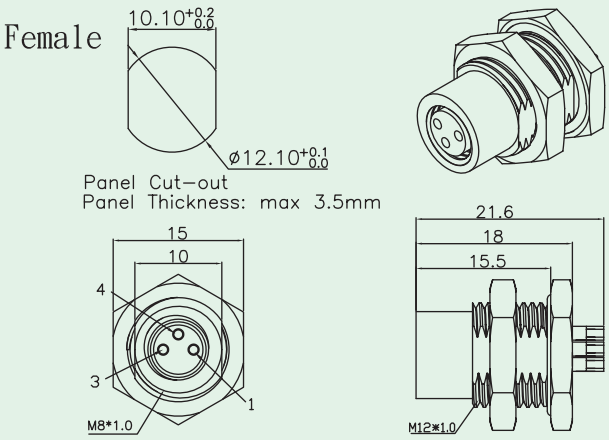
Front mount

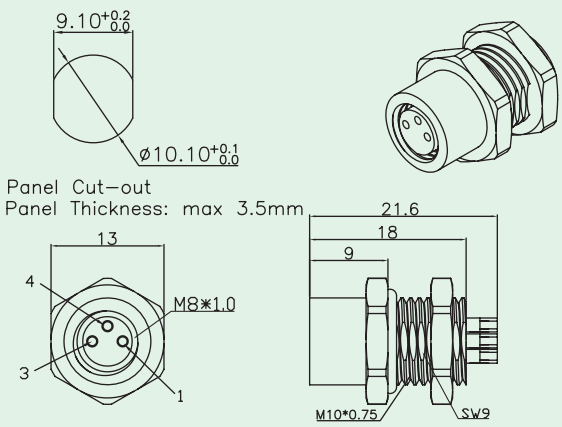


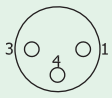
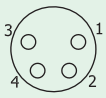
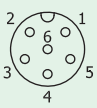
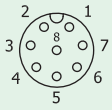
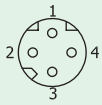
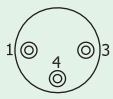
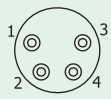
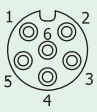
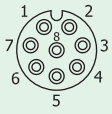
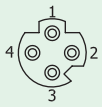
Rear mount



Female





	A Code				B Code	D Code
	3PIN AC 3A/50V DC 3A/60V	4PIN 3A/50V 3A/60V	6PIN 1.5A/30V 1.5A/30V	8PIN 1.5A/30V 1.5A/30V	5PIN AC 3A/30V DC 3A/30V	4PIN 4A/60V Frequencies up to 100 MHz(Cat 5e)
Male						
Female						

Specification

RoHs Compliant

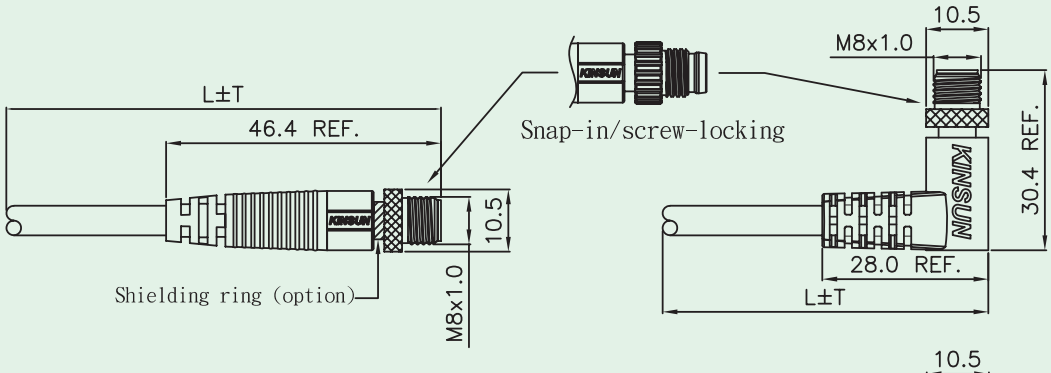
- **Material** : PBT(Plastic), C6801/C3604/C5191(Pin), C6801/C3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Standard** : IEC 61076-2-104/61076-2-114
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 (match and lock)
- **Nut Torque** : 6-8kgf-cm

Specification Option

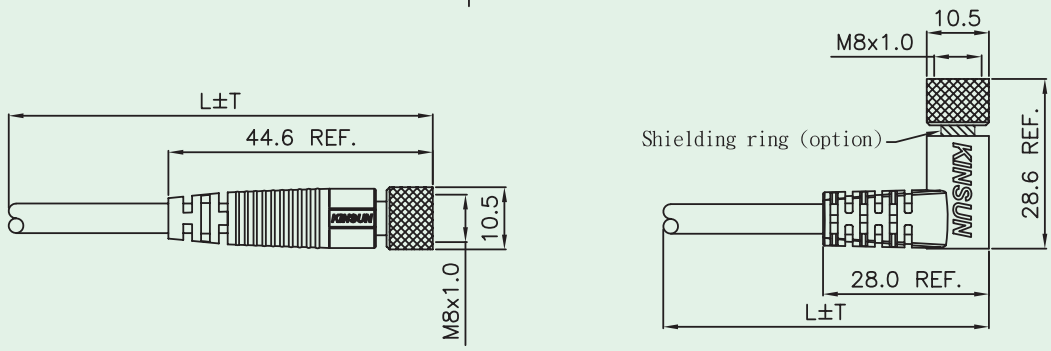
4012ASY

1.Front/Rear Mount
2.Male/Female
3.A/B/D Code, Pin Count

Male

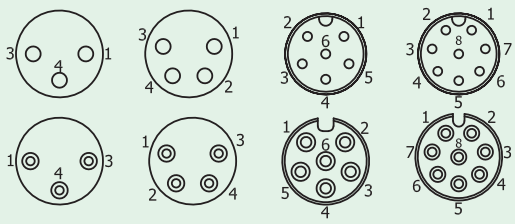


Female



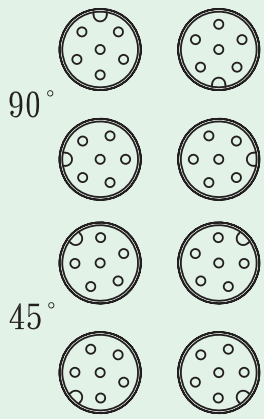
Male A-Code

Female A-Code



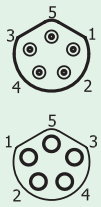
3PIN	4PIN	6PIN	8PIN
AC 3A/50V	3A/50V	1.5A/30V	1.5A/30V
DC 3A/60V	3A/60V	1.5A/30V	1.5A/30V

Key direction for R/A version



Male B-Code

Female B-Code

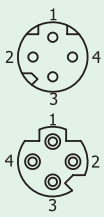


5PIN
AC 3A/30V
DC 3A/30V

Male D-Code

Female D-Code

Frequencies up to 100MHz(Cat 5e)



4PIN
4A/60V

Specification

RoHs Compliant

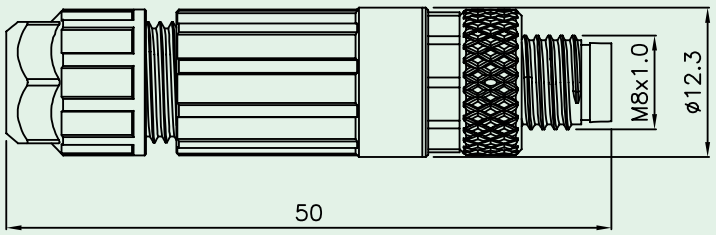
- **Material** : PBT(Plastic), C3604/C6801/SUS(Housing), C5191(Pin), EPDM(O-Ring)
- **Standard** : IEC 61076-2-104/61076-2-114
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
  IP67 for Snap-in type
- **Option:** Shielding ring
- **Predefined Cable Length:**
  0.5M/1M/1.5M/2M/2.5M 99M

Specification Option

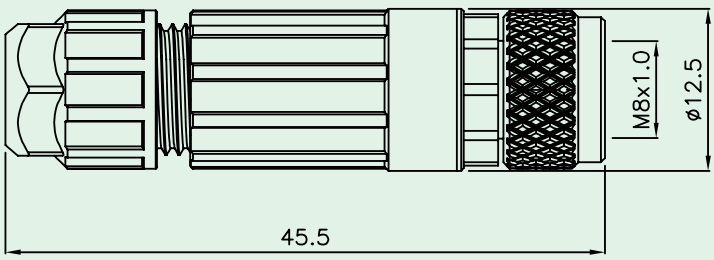
4016

1.Male/Female
2.Straight/Right-Angled(Direction)
3.A/B/D Code, Pin Count
4.Screw-Locking/Snap-in
5.Cable Specification, see p.42
6.Cable Length in Meter Unit

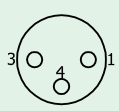
MALE

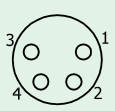


FEMALE

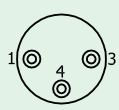


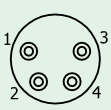
MALE A Code





FEMALE A Code





	3PIN	4PIN
AC	3A/50V	3A/50V
DC	3A/60V	3A/60V

Specification

RoHs Compliant

- **Material** : PA(Plastic), Nickel Plated(Housing), Brass(Nut, Pin), Gold Plated(Pin), EPDM/NBR(O-Ring)
- **Operating Temp** : -25°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

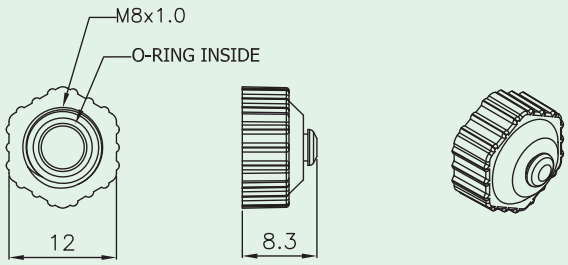
Specification Option

4016ASY

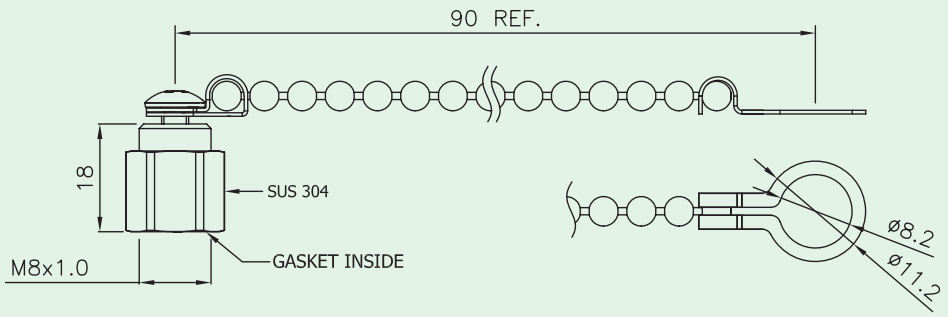
1.Male/Female
2.A Code, Pin Count(3/4Pin)

Male

Type-1

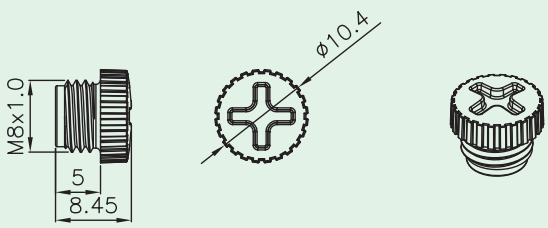


Type-2

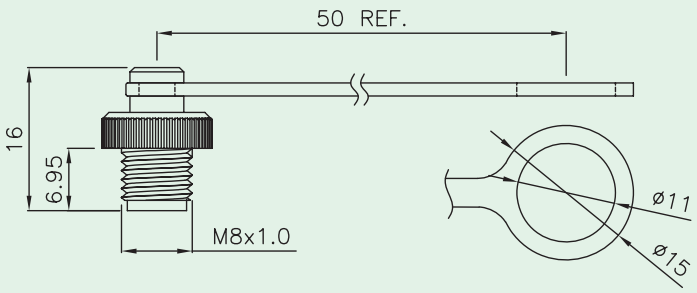


Female

Type-1



Type-2



Specification

RoHs Compliant

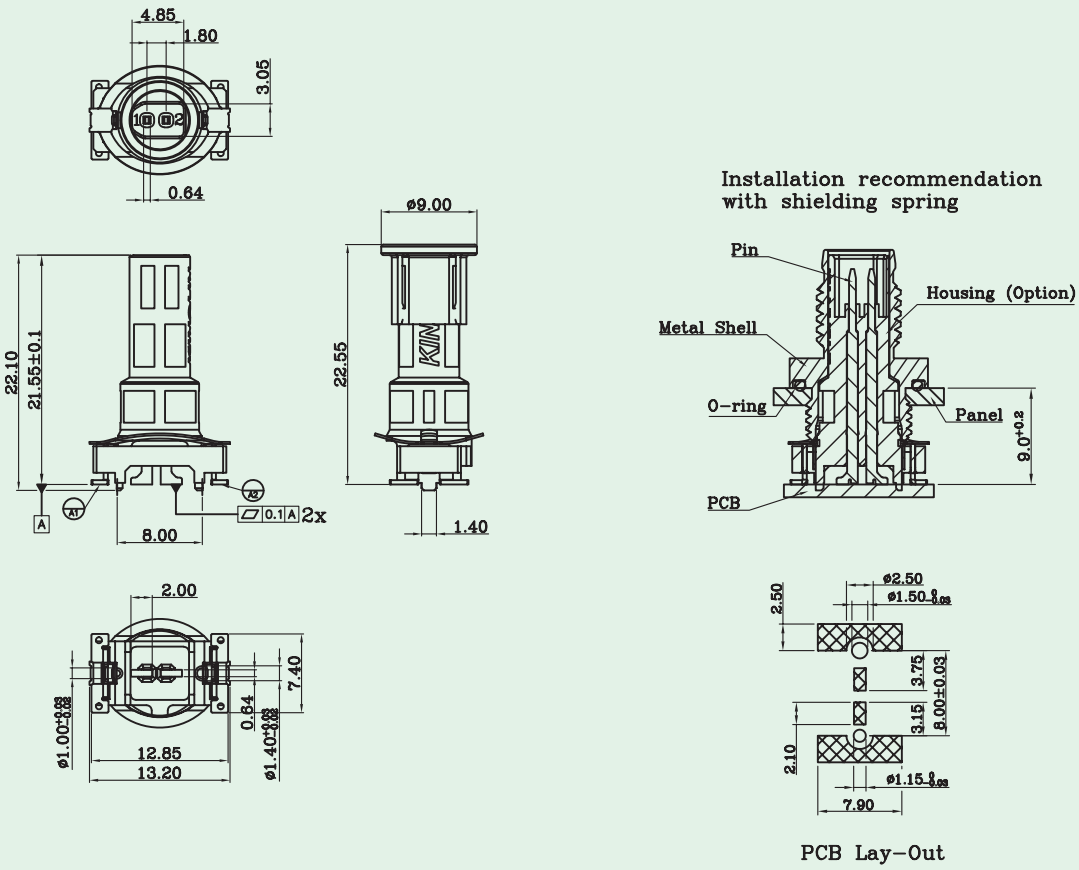
- **Material** : PC/PA(Plastic), EPDM/NBR(O-Ring), Silicone(Gasket)
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

Specification Option

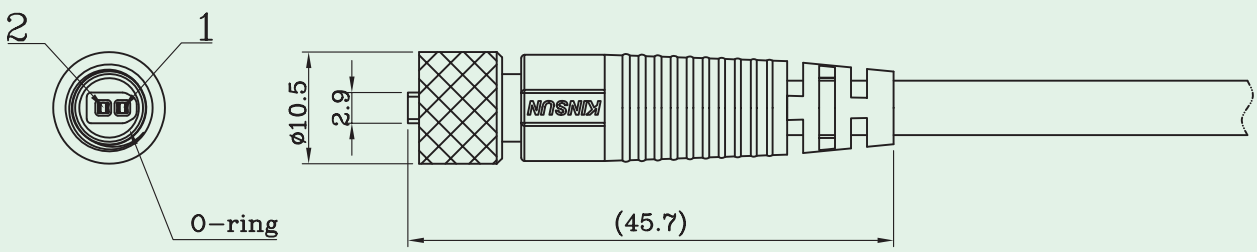
4012A

1.Male/Female
2.Type 1/Type 2

Connector



Cable



Specification

RoHs Compliant

- **Material** : Copper Alloy(Metal Housing, Pin), PA4T(Housing), EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 63171-2
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C To 85°C
- **Rated Voltage** : 72V DC rms
- **Rated Current:** 4A
- **Predefined Cable Length:** 50cm/100cm/150cm ...

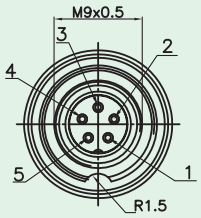
Specification Option

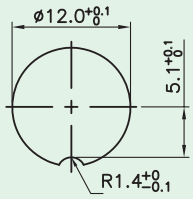
4012SPE

M9 DIP Connector

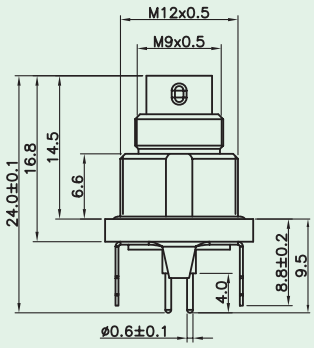
KINSUN

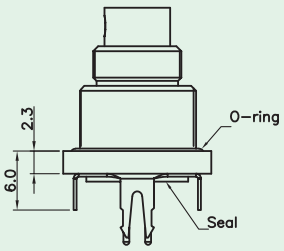
Male



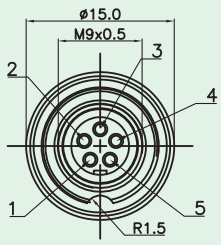


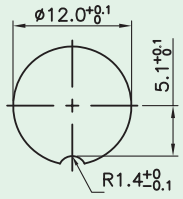
Panel Cut-Out
Thickness: 1.0~2.5mm



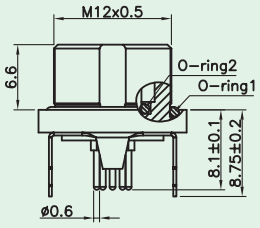


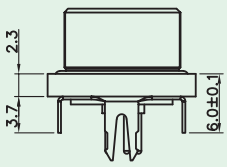
Female



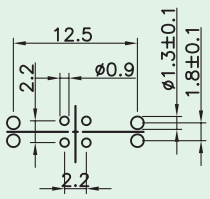


Panel Cut-Out
Thickness: 1.0~2.5mm

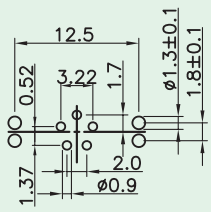




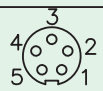
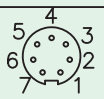
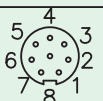
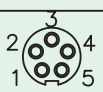
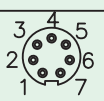
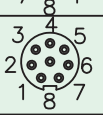
PCB Layout



4 Pin



5 Pin

Contact	2 Pin	3 Pin	4 Pin	5 Pin	7 Pin	8 Pin
Male						
Female						
Rated Voltage/ Rated Current	125V AC/DC 4A		125V AC/DC 3A		125V AC/DC 1A	

Specification

RoHs Compliant

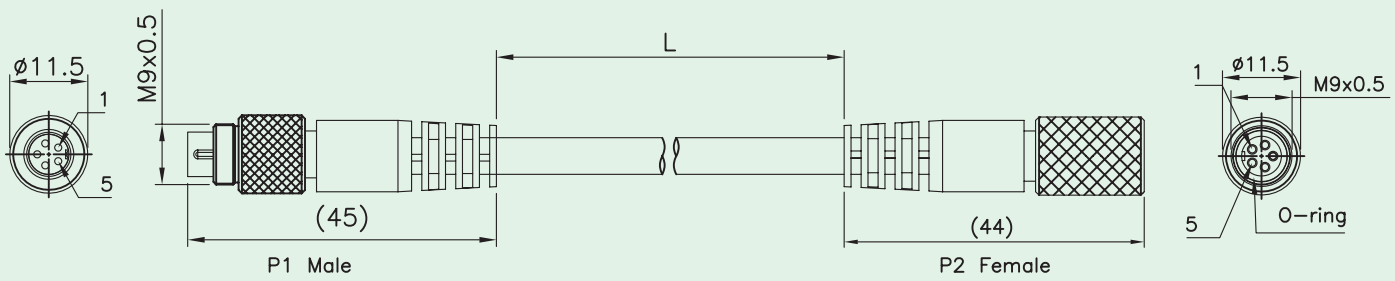
- **Material** : Brass(Metal Housing, Pins, Clips), PA(Housing), FKM(O-ring)
- **UL Certificate** : UL94V-0
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C

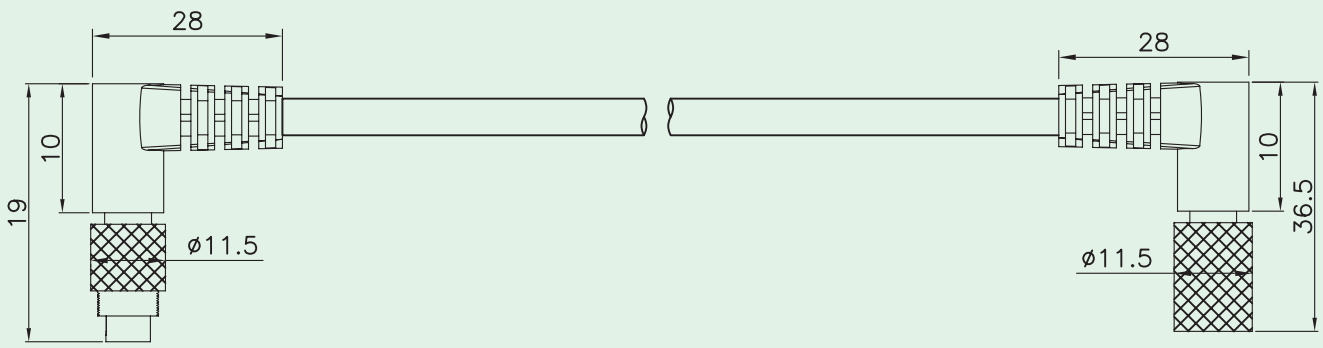
Specification Option

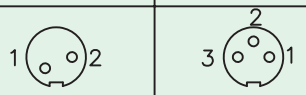
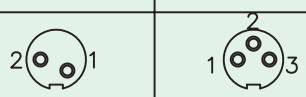
4022 1.Male/Female, Pin Count

M9 Cable

KINSUN





Contact	2 Pin	3 Pin	4 Pin	5 Pin	7 Pin	8 Pin
Male						
Female						
Rated Voltage/ Rated Current	125V AC/DC 4A		125V AC/DC 3A		125V AC/DC 1A	

Specification

RoHs Compliant

- **Material** : Brass(Metal Housing, Pins, Clips), PA(Housing), FKM(O-ring)
- **UL Certificate** : UL94V-0
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length** : 50cm/100cm/150cm ...

Specification Option

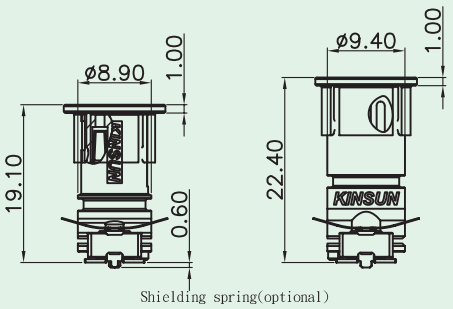
4026

1.Male/Female
2.Straight/Right-Angled
3.Pin Count
4.Cable Length in Meter Unit

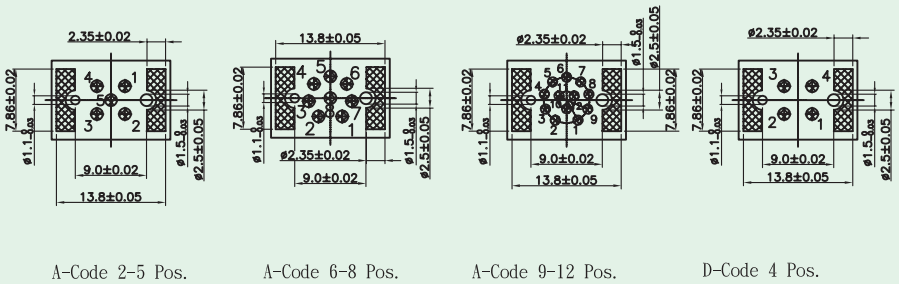
M12 Two-Piece SMD Contact Carrier (A/D-Code)

KINSUN

Female/Male



Recommend P.C.B Layout



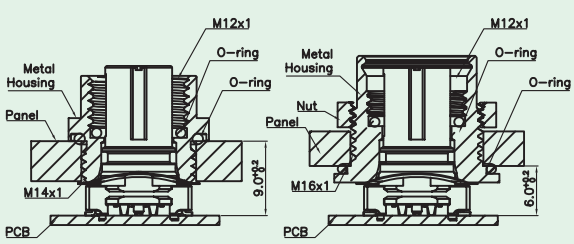
A-Code 2-5 Pos. A-Code 6-8 Pos. A-Code 9-12 Pos. D-Code 4 Pos.

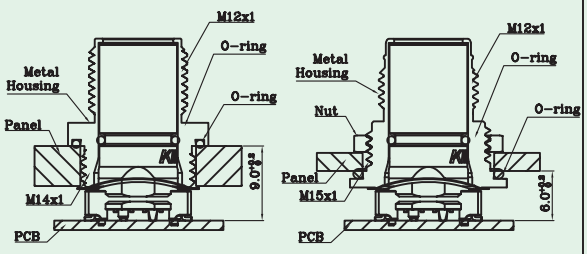
Female coding	A-code				D-code
Pin assignment					
Current/Voltage	2-4pos.	5pos.	6-8pos.	9-12pos.	4pos.
	4A/250V	4A/60V	2A/30V	1.5A/30V	4A/250V

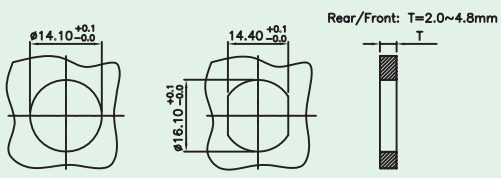
Male coding	A-code				D-code
Pin assignment					
Current/Voltage	2-4pos.	5pos.	6-8pos.	9-12pos.	4pos.
	4A/250V	4A/60V	2A/30V	1.5A/30V	4A/250V

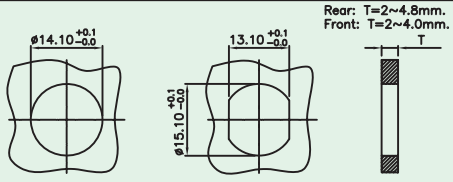
Installation recommendation:

	Female	Male
Assembly Recommendation	Rear mounting / Front mounting	Rear mounting / Front mounting
Screw connection housing (Optional)	For female contact carrier Screw/Push-pull locking IEC 61076-2-010:2021	For male contact carrier
Panel cut-out		









Specification

RoHs Compliant

- **Material** : Copper Alloy(Metal Housing, Pin, Nut), PA4T(Housing), EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-104
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C
- **Nut Torque** : 12~16kgf-cm

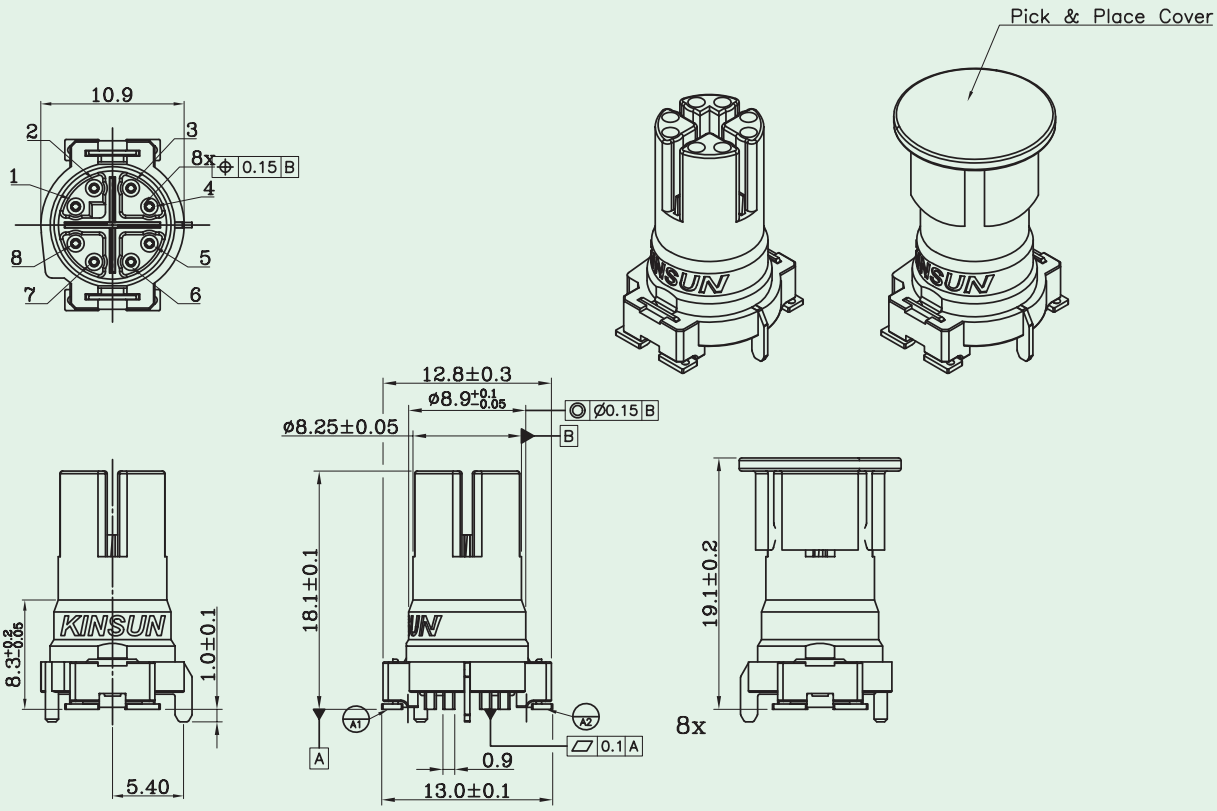
Specification Option

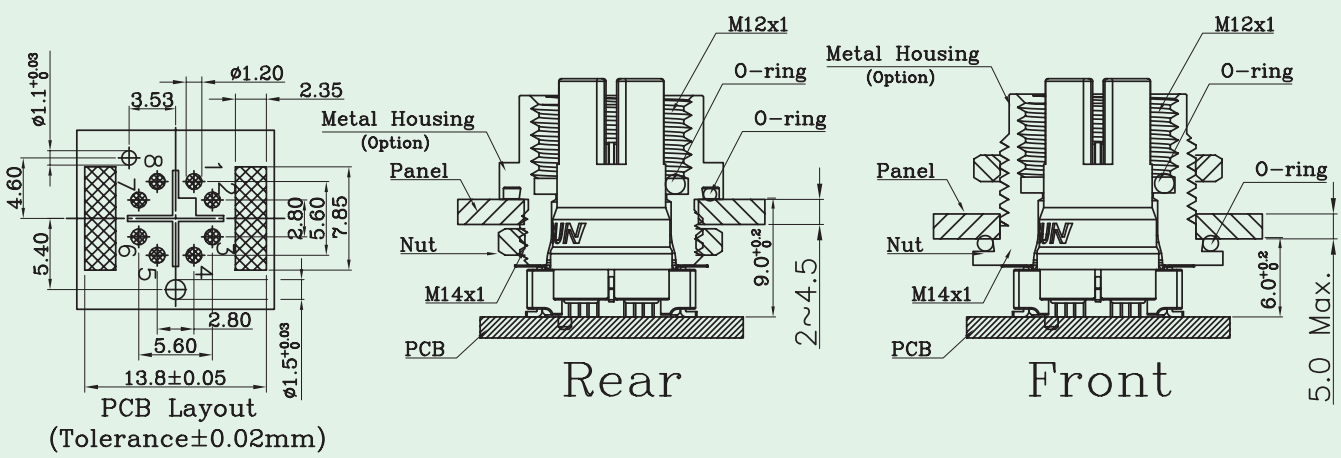
4001SMD

1.Male/Female
2.A/D Code, Pin Count
3.Screw Connection Housing, Nut
4.Screw+Push-Pull Connection Housing (Female Only), Nut
5.Pick and Place Cap, Ground Spring, FKM Sealing

M12 Two-Piece SMD Contact Carrier (X-Code)

KINSUN





Specification

RoHs Compliant

- **Material** : Copper Alloy(Metal Housing, Pin, Nut), PA4T(Housing), EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-109
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C
- **Rated Voltage** : 48V DC rms
- **Rated Current** : 0.5A
- **Nut Torque** : 12~16kgf-cm

Specification Option

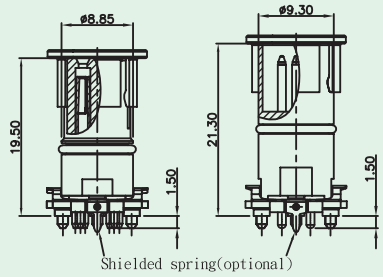
4003SMD

1.Screw Connection Housing, Nut
2.Screw+Push-Pull Connection Housing, Nut
3.Pick and Place Cap

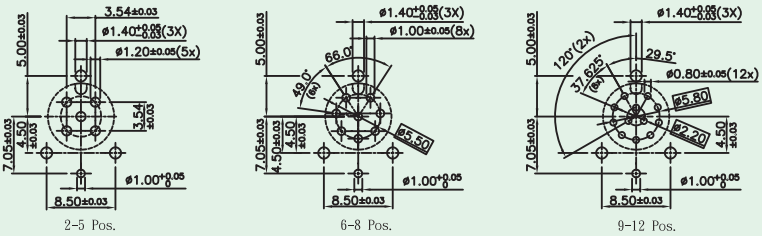
M12 Two-Piece THR Contact Carrier (A/D-Code)

KINSUN

Female/Male



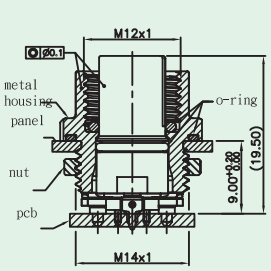
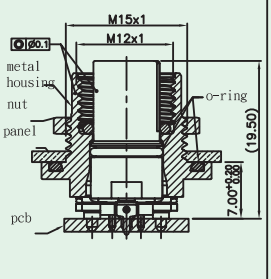
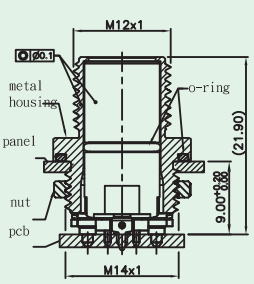
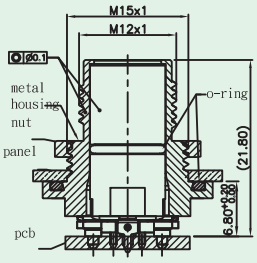
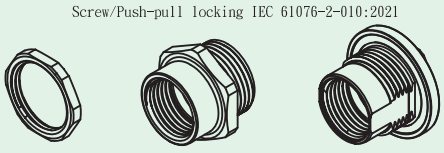
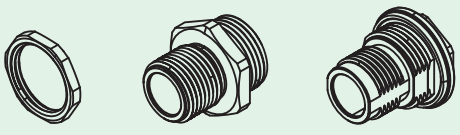
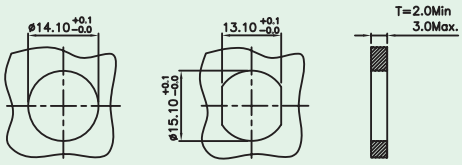
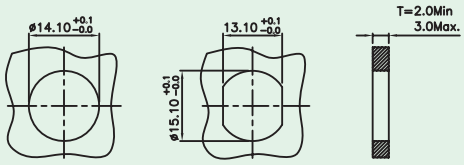
PCB Layout



Female coding	A-code				D-code
Pin assignment					
Rating (AC/DC)	2-4pos.	5pos.	6-8pos.	9-12pos.	4pos.
	4A/250V	4A/60V	2A/30V	1.5A/30V	4A/250V

Male coding	A-code				D-code
Pin assignment					
Rating (AC/DC)	2-4pos.	5pos.	6-8pos.	9-12pos.	4pos.
	4A/250V	4A/60V	2A/30V	1.5A/30V	4A/250V

Installation recommendation:

	Female		Male	
	Rear mounting	Front mounting	Rear mounting	Front mounting
Assembly Recommendation				
Screw connection housing (Optional)	For female contact carrier Screw/Push-pull locking IEC 61076-2-010:2021 		For male contact carrier 	
Panel cut-out				

Specification

RoHs Compliant

- **Material** : PA4T(Plastic), C6801/C5191/C2680(Pin), SUS301(Clip), C6801(Metal Housing/Nut), NBR/Viton(Oring)
- **Standard** : IEC 61076-2-101
- **Certificate** : UL94V-0, UL157
- **Protection Rating (match and lock):** IP68
- **Operating Temp.** : -25°C to +85°C
- **Nut Torque** : 12~16kgf-cm

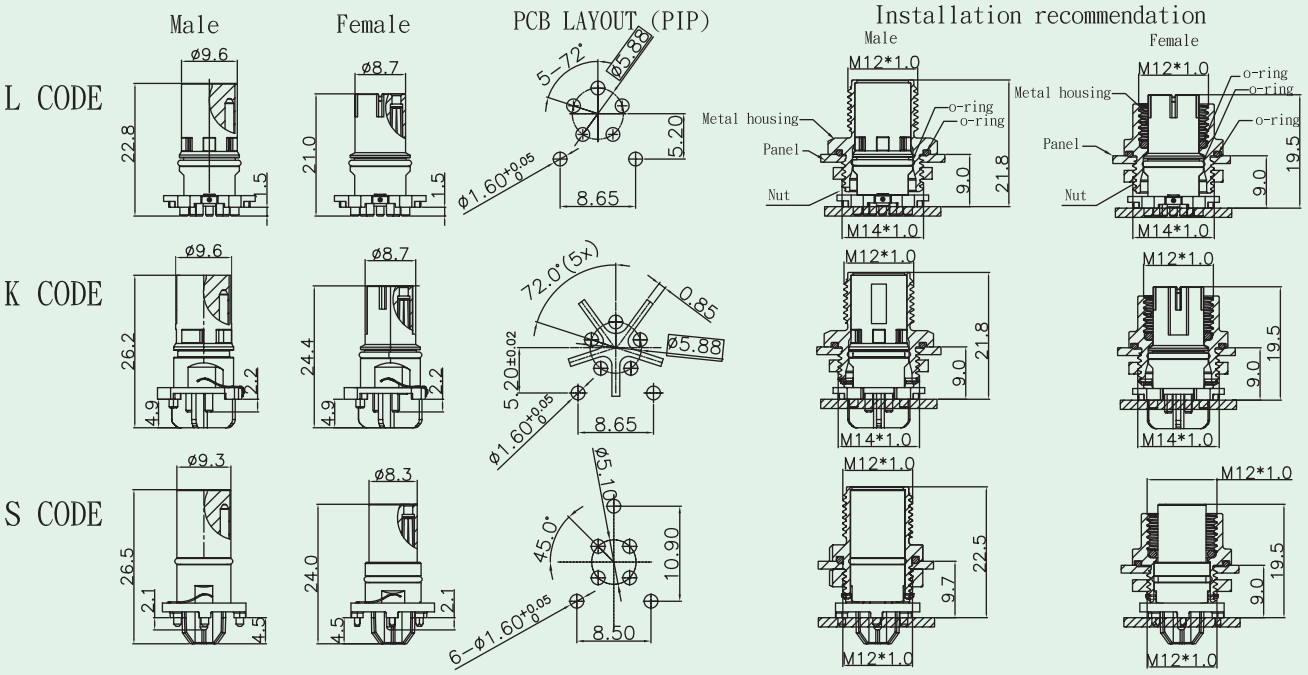
Specification Option

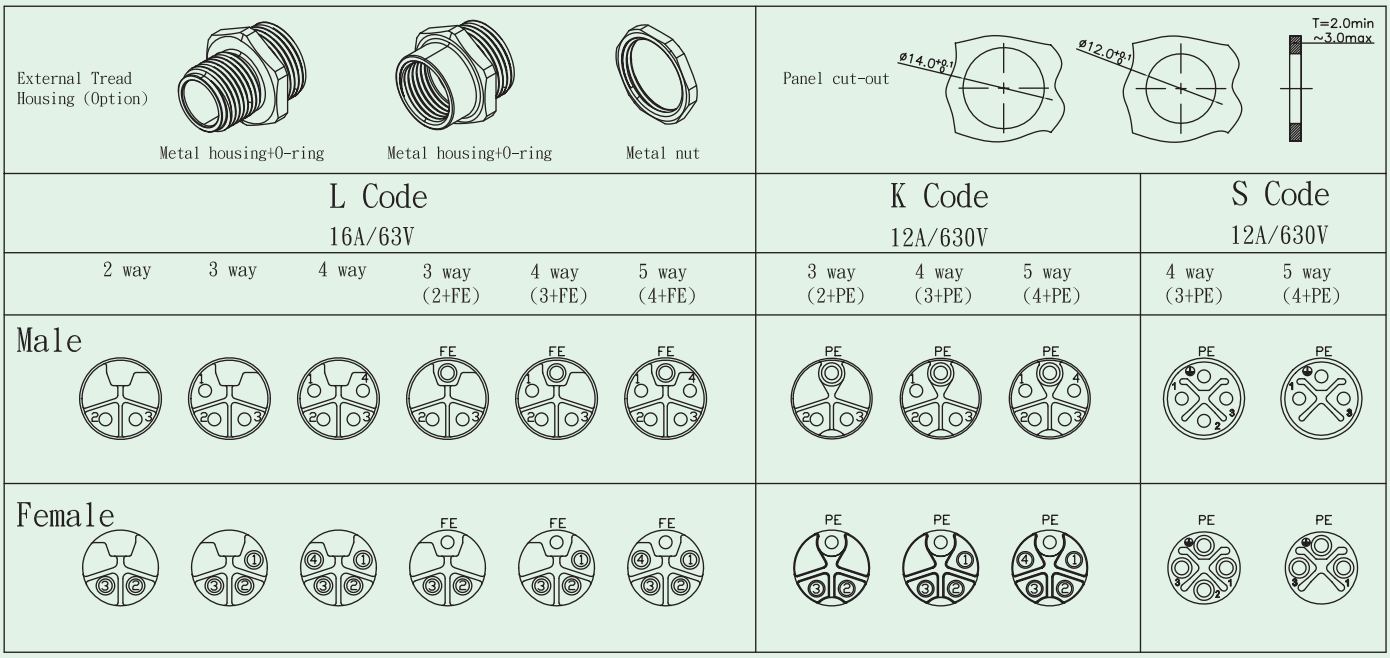
4001THR

1.Male/Female
2.A/D Code, Pin Count
3.Screw Connection Housing, Nut
4.Screw+Push-Pull Connection Housing (Female Only), Nut
5.Pick and Place Cap, Ground Spring, FKM Sealing

M12 Two-Piece THR Contact Carrier (K/L/S-Code)

KINSUN





L Code 16A/63V						K Code 12A/630V			S Code 12A/630V	
2 way	3 way	4 way	3 way (2+FE)	4 way (3+FE)	5 way (4+FE)	3 way (2+PE)	4 way (3+PE)	5 way (4+PE)	4 way (3+PE)	5 way (4+PE)
Male										
Female										

Specification

RoHs Compliant

- **Material** : PA4T(Plastic), C6801/C5191(Pin), C6801/C3604(Metal Housing/Nut), NBR/Viton(Oring)
- **Standard** : IEC 61076-2-111
- **Certificate** : UL94V-0
- **Protection Rating** : IP68(match and lock)
- **Nut Torque** : 12~16kgf-cm

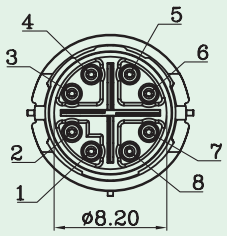
Specification Option

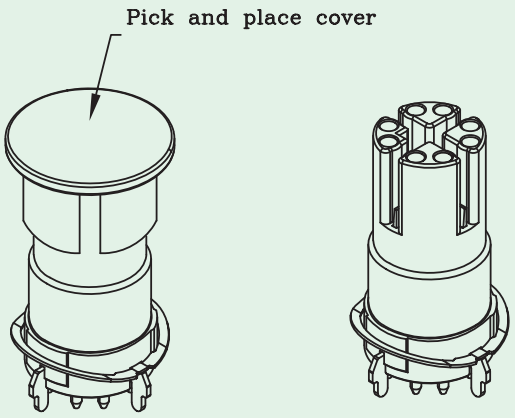
4005THR

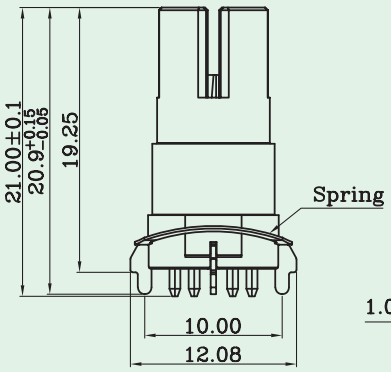
1.Male/Female
2.K/L/S Code, Pin Count
3.Screw Connection Housing, Nut
4.Pick and Place Cap, Ground Spring, FKM Sealing

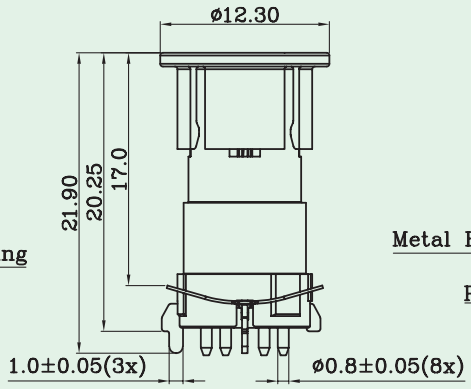
M12 Two-Piece THR Contact Carrier (X-Code)

KINSUN

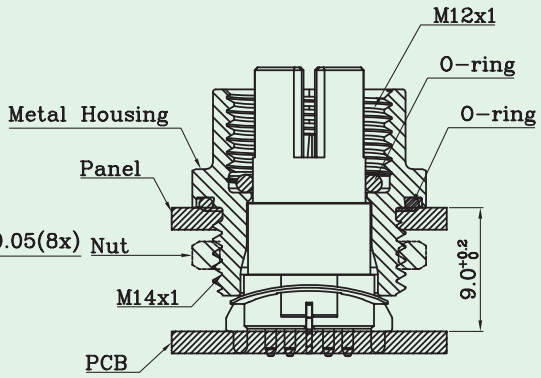




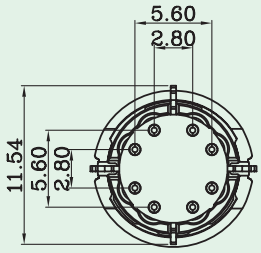


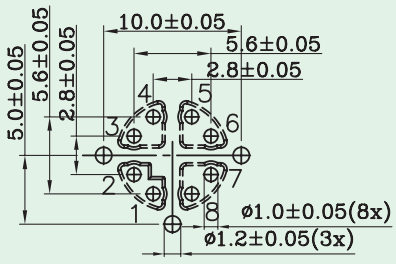


Installation recommendation with shielding spring



Option: P/N A400111900 (Metal Housing with Nylok, Oring, Nut)





PCB Layout (PIP)
Thickness: 1.2mm Max.

Specification

RoHs Compliant

- **Material** : Stainless(Spring), PA4T(Housing& Cap), C5191(Pin)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-109
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C To 85°C
- **Rated Voltage** : 48V DC rms
- **Rated Current** : 0.5A
- **Nut Torque** : 12~16kgf-cm

Specification Option

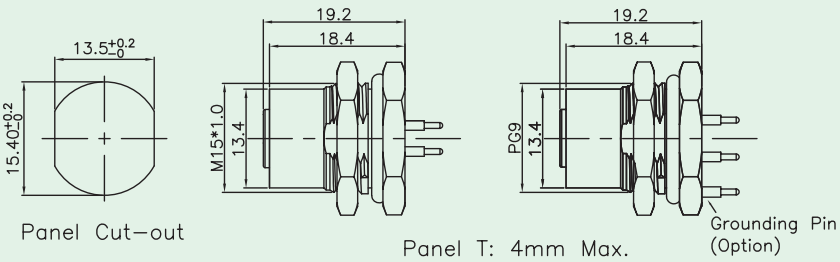
4003THR

1.Screw Connection Housing
2.Screw+Push-Pull Connection Housing, Nut
3.Pick and Place Cap

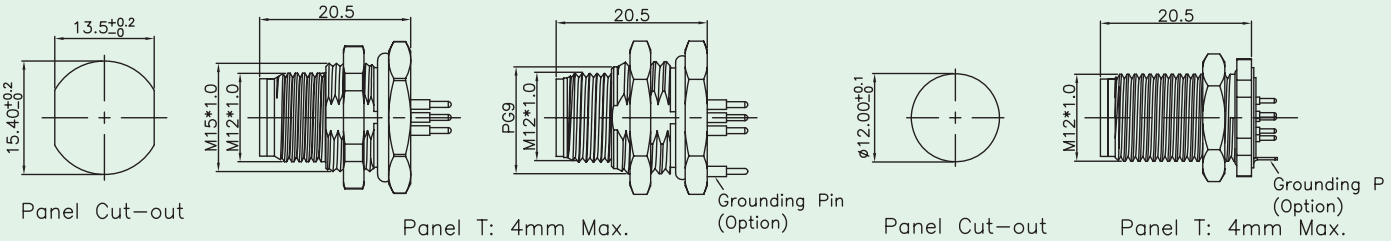
M12 DIP Connector (A/B/D-Code)

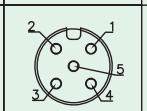
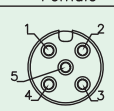
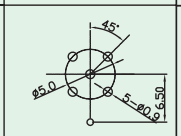
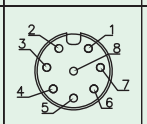
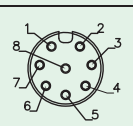
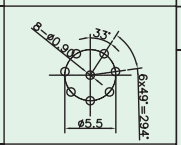
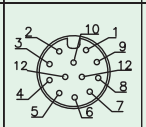
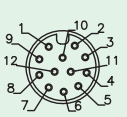
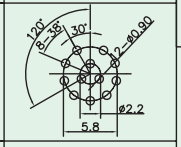
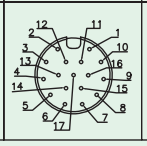
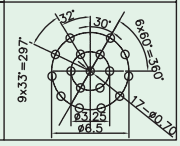
KINSUN

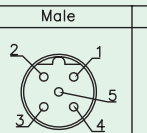
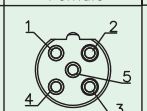
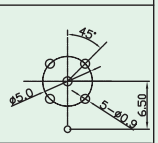
Female

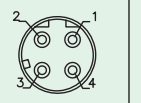
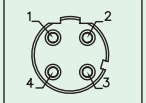
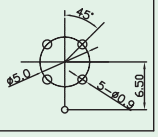


Male



Contact	A-Coding Male	A-Coding Female	Rated Current/Voltage	PCB Layout (Top View)
2~5PIN			2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]	
6~8PIN			2A/30V AC/DC	
9~12PIN			1.5A/30V AC/DC	
13~17PIN			1.5A/30V AC/DC	

Contact	B-Coding Male	B-Coding Female	Rated Current/Voltage	PCB Layout (Top View)
5PIN			[4A/60V AC/DC]	

Contacts	D-Coding Male	D-Coding Female	Rated Current/Voltage	PCB Layout
4PIN			[4A/250V AC/DC]	

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C3604/C6801(Housing), C3604/C6801(Pin), EPDM/NBR(Oring)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torgue:** : 12~16 kgf-cm

Specification Option

4002DIP

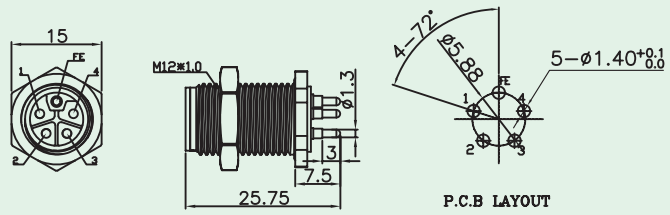
1.Male/Female
2.A/B/D Code, Pin Count
3.PG9/M15/M12 Panel Screw

M12 DIP Connector (L-Code, Power)

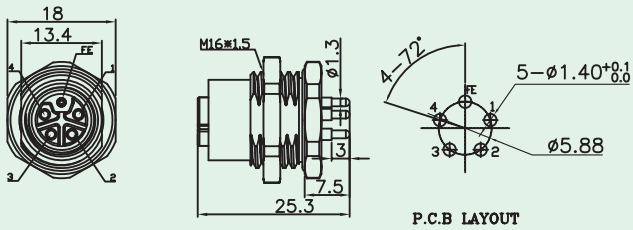
KINSUN

Straight

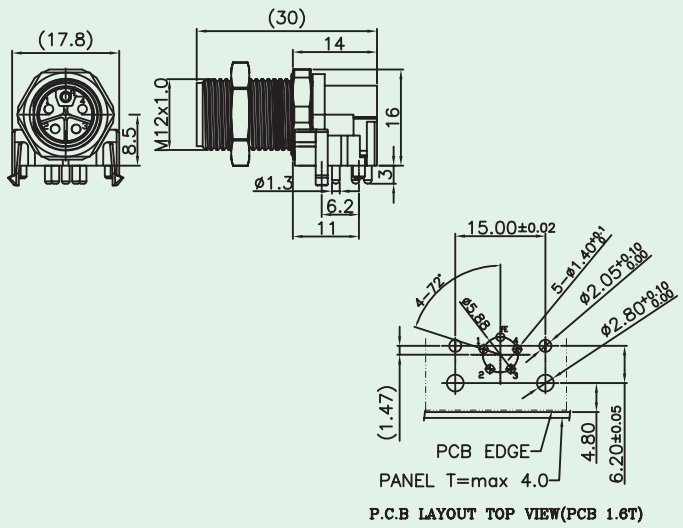
MALE

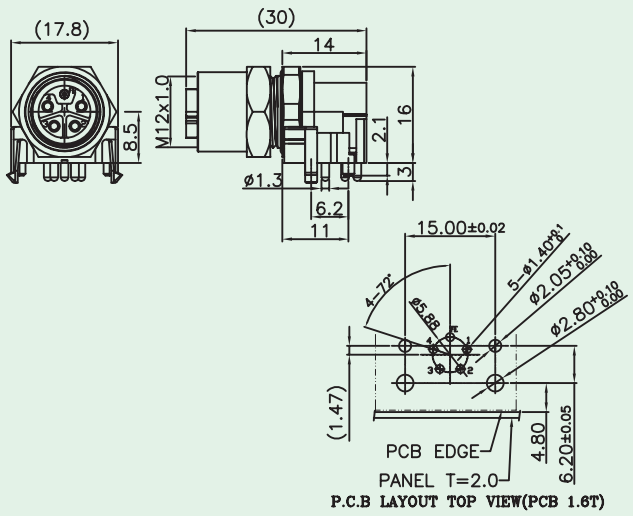


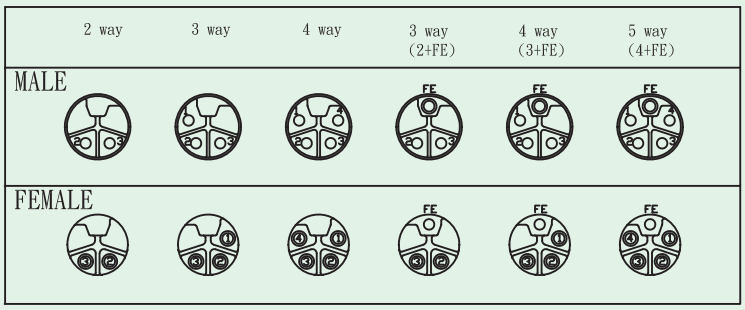
FEMALE



Right-angled







Specification

RoHs Compliant

- **Material** : PA4T(Plastic), C6801/C5191(Pin), C6801/C3604 (Metal Housing/Nut), NBR/EPDMI(O-Ring)
- **Rated Current** : 16A
- **Rated Voltage** : 63V
- **Nut Torque** : 12~16 kgf-cm
- **Standard** : IEC 61076-2-111
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68(match and lock)

Specification Option

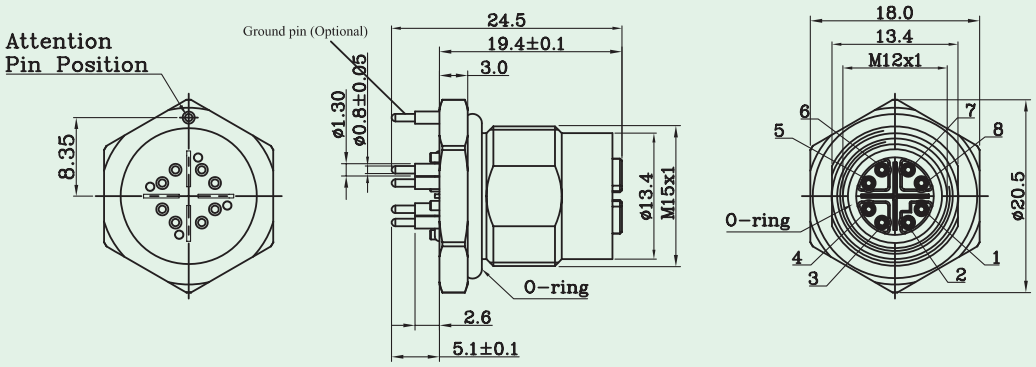
4005-L-DIP

1.Straight/Right-Angled
2.Male/Female, Pin Count

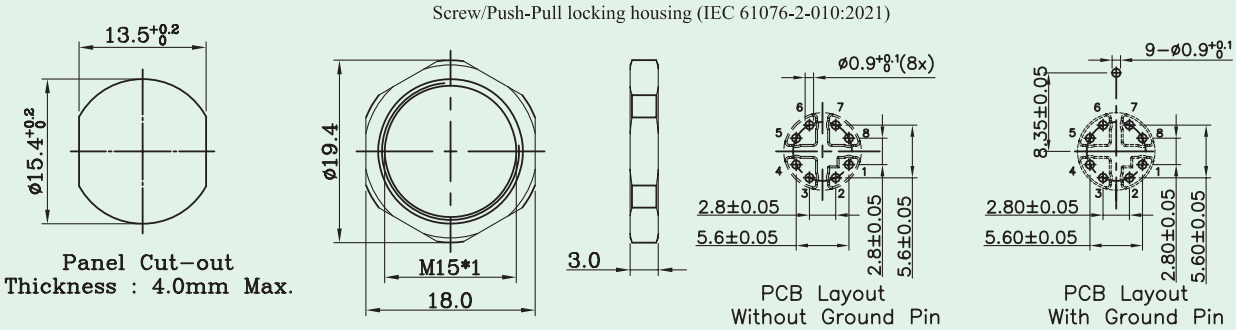
M12 DIP Connector (X-Code, Data CAT6a)

KINSUN

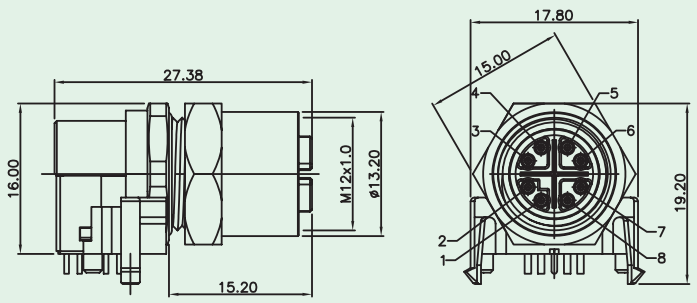
Straight

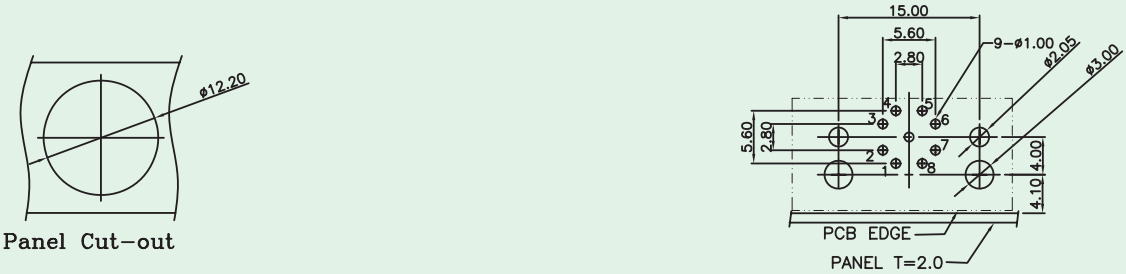


Screw/Push-Pull locking housing (IEC 61076-2-010:2021)



Right-angled





Specification

RoHs Compliant

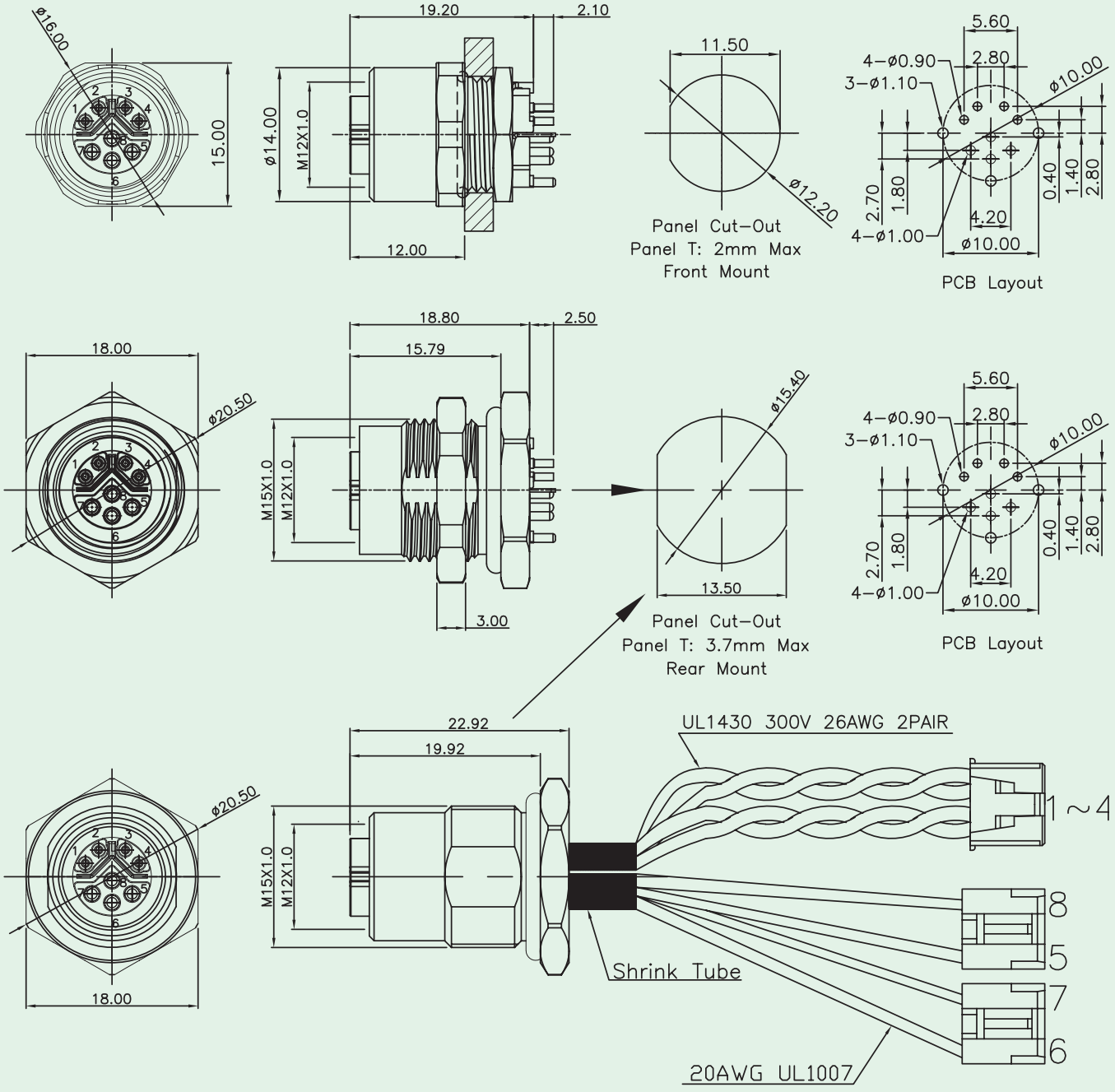
- **Material** : Brass(Metal Housing& Nut), PBT(Housing), C5191(Pin), EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-109
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C To 85°C
- **Rated Voltage** : 48V DC rms
- **Rated Current** : 0.5A
- **Nut Torque** : 12-16kgf-cm

Specification Option

4003-X-DIP Straight/Right-Angled

M12 Y-Coded Connector (Hybrid, Data & Power)

KINSUN



Specification

RoHs Compliant

- **Material** : PBT(Plastic), C3604(Power Pin), C5191(Data Pin), C3604(Metal Housing)
- **Standard** : IEC 61076-2-113
- **Protection Rating** : IP68 (Mated)
- **Certificate** : UL94V-0
- **Rated Voltage** : 30V DC/AC
- **Rated Current** : 0.5A(Data Pin) 6A(Power Pin)
- **Operating Temp.** : -40°C to 85°C
- **Nut Torque** : 12-16 kgf-cm

Specification Option

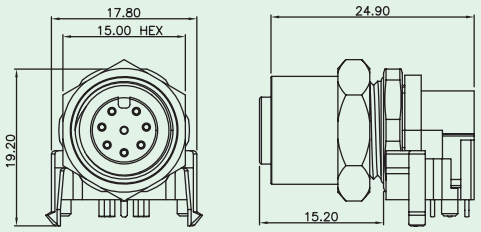
4004

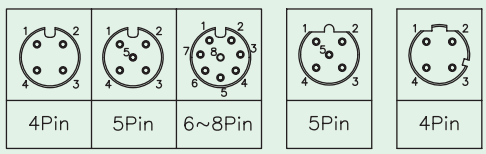
1.Front/Rear Mount
2.DIP/WTB/THR(Two-piece Contact Carrier)

M12 Right-Angled DIP Connector (A/B/D-Code)

KINSUN

Female

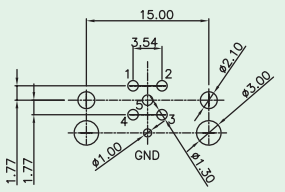




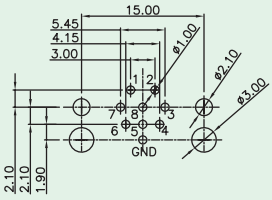
4A/250V 4A/60V 2A/30V
A–Code

4A/60V
B–Code

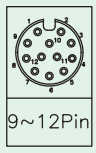
4A/250V
D–Code



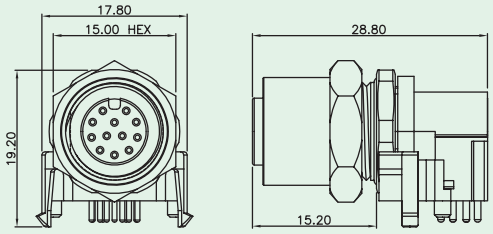
A–Code 4–5Pin
B–Code 5Pin
D–Code 4Pin
PCB Layout

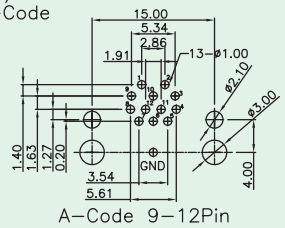


A–Code 6–8Pin
PCB Layout

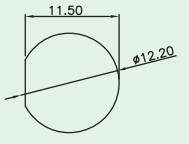


1.5A/30V
A–Code



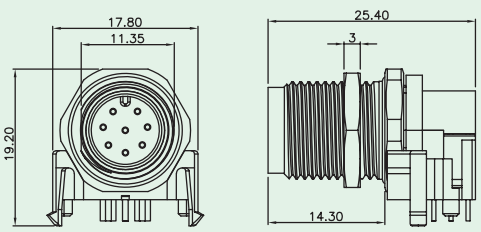


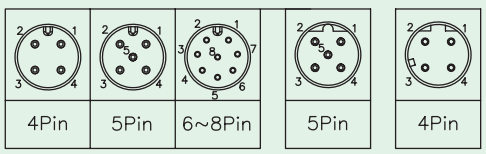
A–Code 9–12Pin
PCB Layout



Panel Cut Out For All
Panel T: 3mm Max

Male

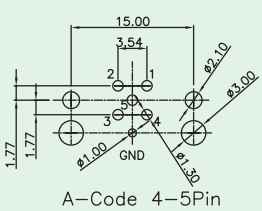




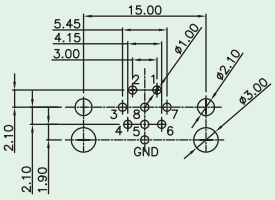
4A/250V 4A/60V 2A/30V
A–Code

4A/60V
B–Code

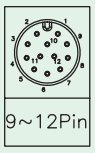
4A/250V
D–Code



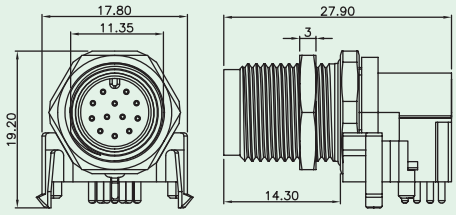
A–Code 4–5Pin
B–Code 5Pin
D–Code 4Pin
PCB Layout

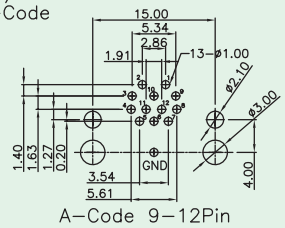


A–Code 6–8Pin
PCB Layout

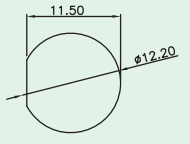


1.5A/30V
A–Code





A–Code 9–12Pin
PCB Layout



Panel Cut Out For All
Panel T: 3.7mm Max

Specification

RoHs Compliant

- **Material** : PBT/PA9T(Plastic), C3604/C6801(Metal Housing), C3604/C5191(Pin)
- **Standard** : IEC 61076-2-101
- **Certificate** : UL94V-0
- **Protection Rating** : IP65/IP68
- **Operating Temp.** : -40°C to 85°C
- **Nut Torque** : 12-16 kgf-cm

Specification Option

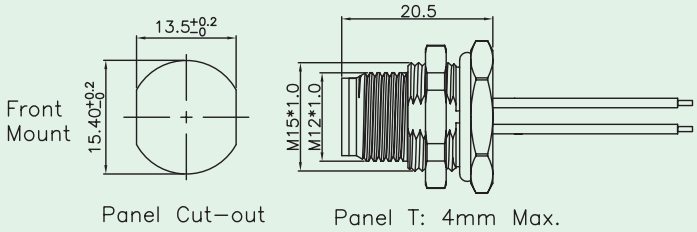
4002R

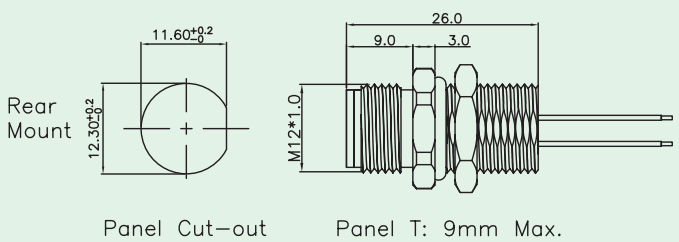
1.Male/Female
2.A/B/D Code, Pin Count

M12 Wire-to-Board Connector (A/B-Code)

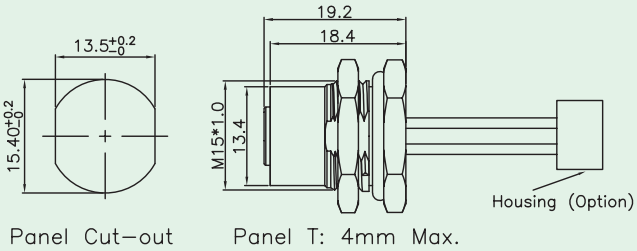
KINSUN

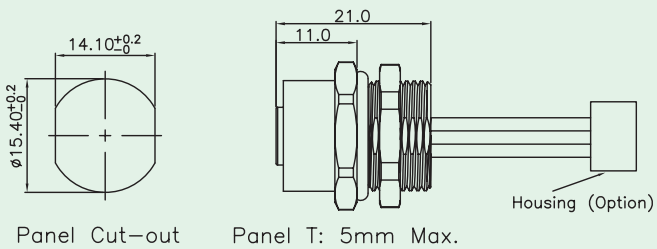
Male

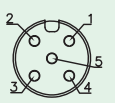
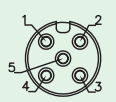
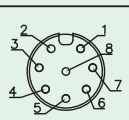
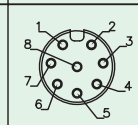
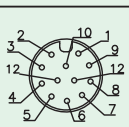
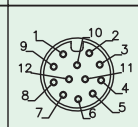
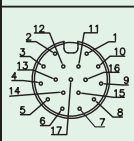
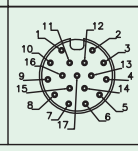


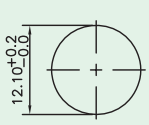


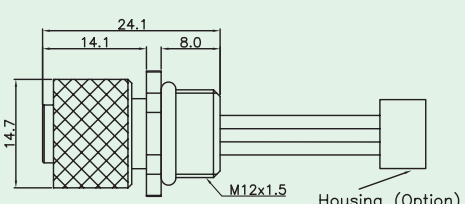
Female

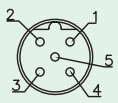
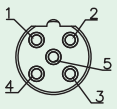




Contacts	A-Coding		Rated Current/Voltage
	Male	Female	
2~5PIN			2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN			2A/30V AC/DC
9~12PIN			1.5A/30V AC/DC
13~17PIN			1.5A/30V AC/DC





Contacts	B-Coding		Rated Current/Voltage
	Male	Female	
5PIN			[4A/60V AC/DC]

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C3604/C6801(Housing), C3604/C6801(Pin), EPDM/NBR(Oring)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 12-16 kgf-cm
- **Predefined Cable Length** : 50mm/100mm/150mm ...

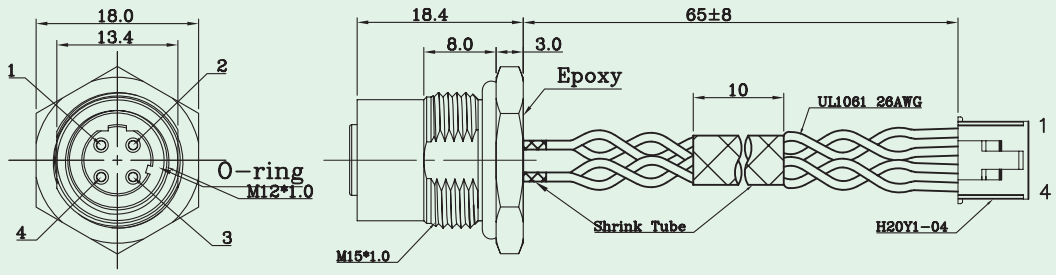
Specification Option

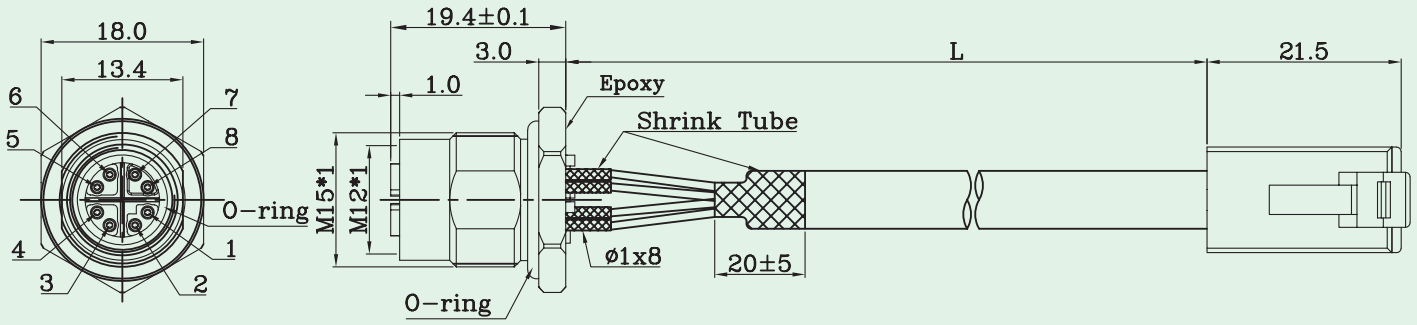
4001-WTB
4002-WTB

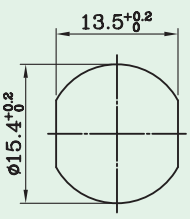
1.Front/Rear Mount
2.Male/Female
3.A/B Code, Pin Count
4.PG9/M15/M12 Panel Screw
5.Wire Length
6.Housing Model Number

M12 Wire-to-Board Connector (D/X-Code)

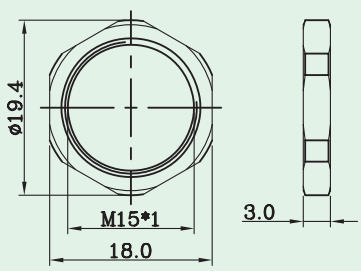
KINSUN







Panel Cut-out
Panel Thickness : 4.0mm Max.



Specification

RoHs Compliant

- **Material** : Brass(Metal Housing&Nut), PBT(Housing), C5191(Pin), EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-109
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp** : -40°C To 85°C
- **Rated Voltage** : 48V DC rms
- **Rated Current** : 0.5A
- **Predefined Cable Length** : 50mm/100mm/150mm…
- **Nut Torque** : 12-16kgf-cm

Specification Option

4002-D-WTB
4003-X-WTB

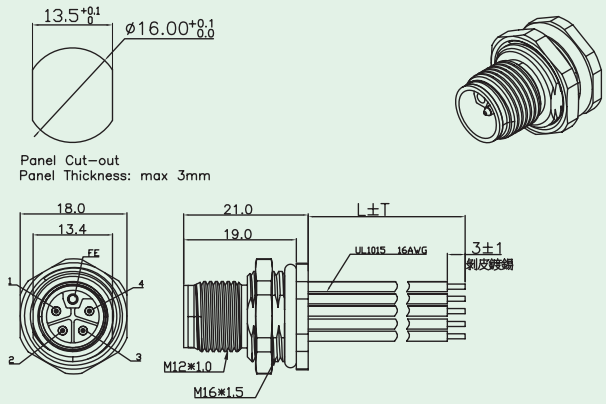
1.D/X Code
2.Cable Length
3.RJ Plug/Housing Model Number

M12 Wire-to-Board Connector (L-Code, Power)

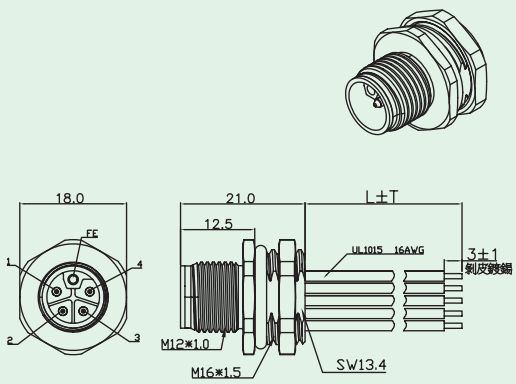
KINSUN

Male

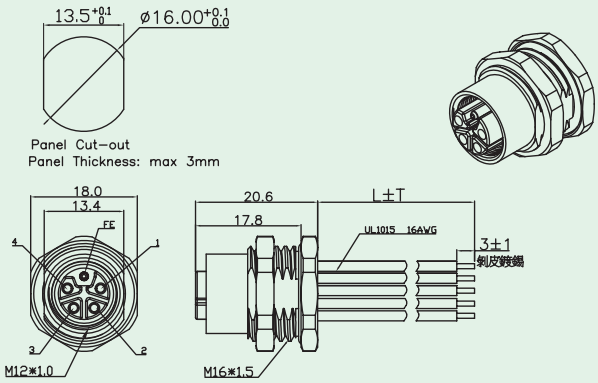
Front mount

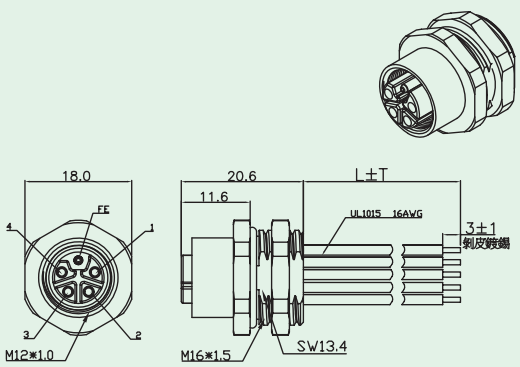


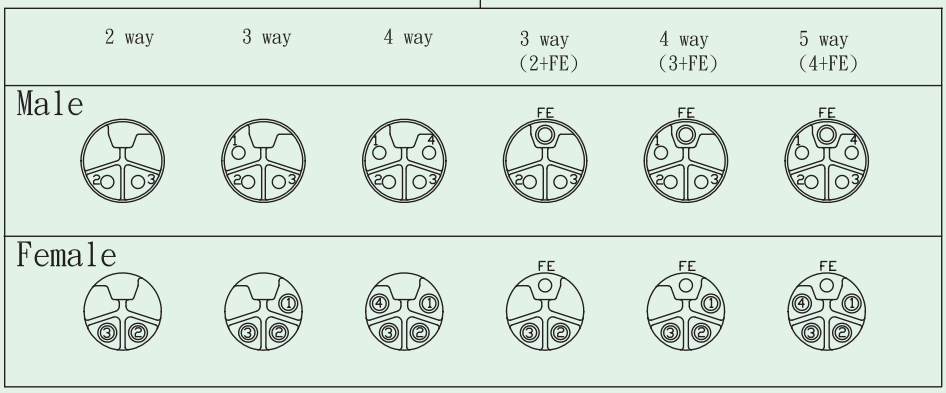
Rear mount



Female







Specification

RoHs Compliant

- **Material** : PA4T(Plastic), C6801/C5191(Pin), C6801/C3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Rated Current** : 16A
- **Rated Voltage** : 63V
- **Standard** : IEC 61076-2-111
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 (match and lock)
- **Nut Torque** :12-16 kgf-cm

Specification Option

4005-L-WTB

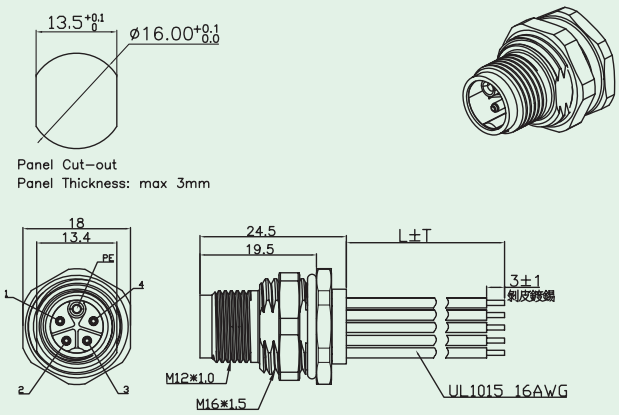
1.Front/Rear Mount
2.Male/Female
3.Pin Count
4.Wire Length
5.Housing Model Number

M12 Wire-to-Board Connector (K-Code, Power)

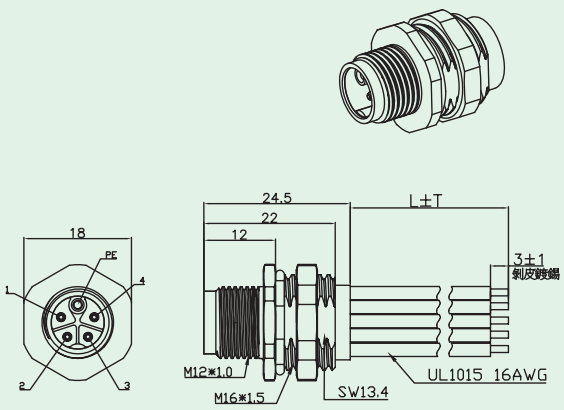
KINSUN

Male

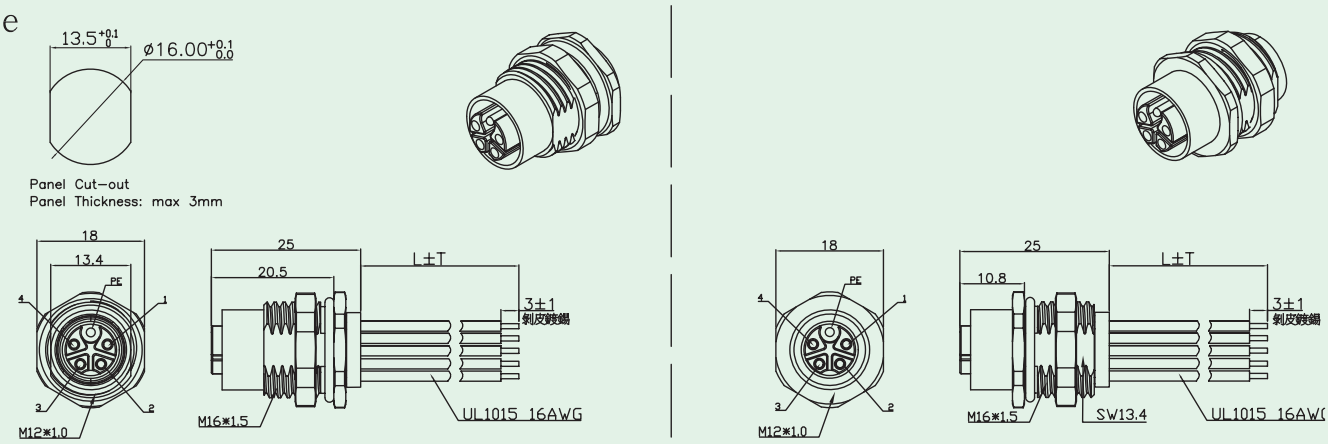
Front mount



Rear mount



Female



Male			Female		
3 way (2+PE)	4 way (3+PE)	5 way (4+PE)	3 way (2+PE)	4 way (3+PE)	5 way (4+PE)

Specification

RoHs Compliant

- **Material** : PA4T(Plastic), C6801/C5191(Pin), C6801/C3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Rated Current** : 12A
- **Rated Voltage** : 630V
- **Standard** : IEC 61076-2-111
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 (match and lock)
- **Nut Torque** : 12-16 kgf-cm

Specification Option

4005-K-WTB

1.Front/Rear Mount
2.Male/Female
3.Pin Count
4.Wire Length
5.Housing Model Number

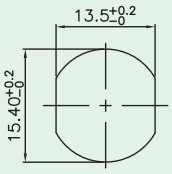
M12 Wire Assembly Connector (A/B/D-Code)

KINSUN

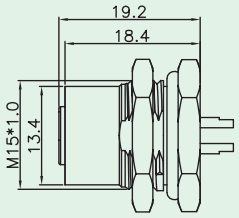
Front Mount

Rear Mount

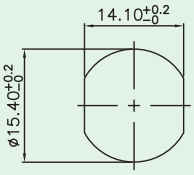
Female



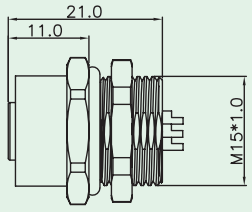
Panel Cut-out



Panel T: 4mm Max.

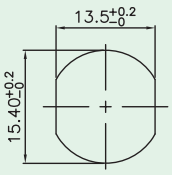


Panel Cut-out

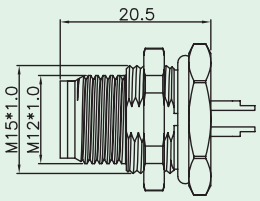


Panel T: 5mm Max.

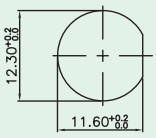
Male



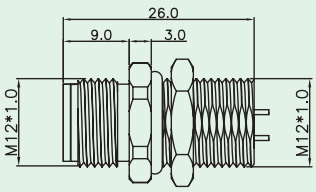
Panel Cut-out



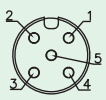
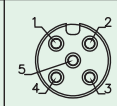
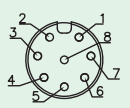
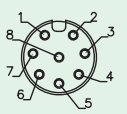
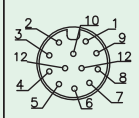
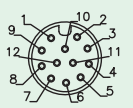
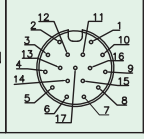
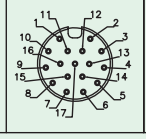
Panel T: 4mm Max.

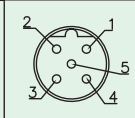
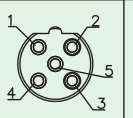


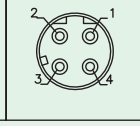
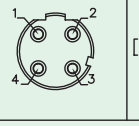
Panel Cut-out



Panel T: 9mm Max.

Contacts	A-Coding Male	A-Coding Female	Rated Current/Voltage
2~5PIN			2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN			2A/30V AC/DC
9~12PIN			1.5A/30V AC/DC
13~17PIN			1.5A/30V AC/DC

Contacts	B-Coding Male	B-Coding Female	Rated Current/Voltage
5PIN			[4A/60V AC/DC]

Contacts	D-Coding Male	D-Coding Female	Rated Current/Voltage
4PIN			[4A/250V AC/DC]

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C3604/C6801(Housing), C3604/C6801(Pin), EPDMINBR(Oring)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torgue:** : 12-16 kgf-cm

Specification Option

4001-ASY

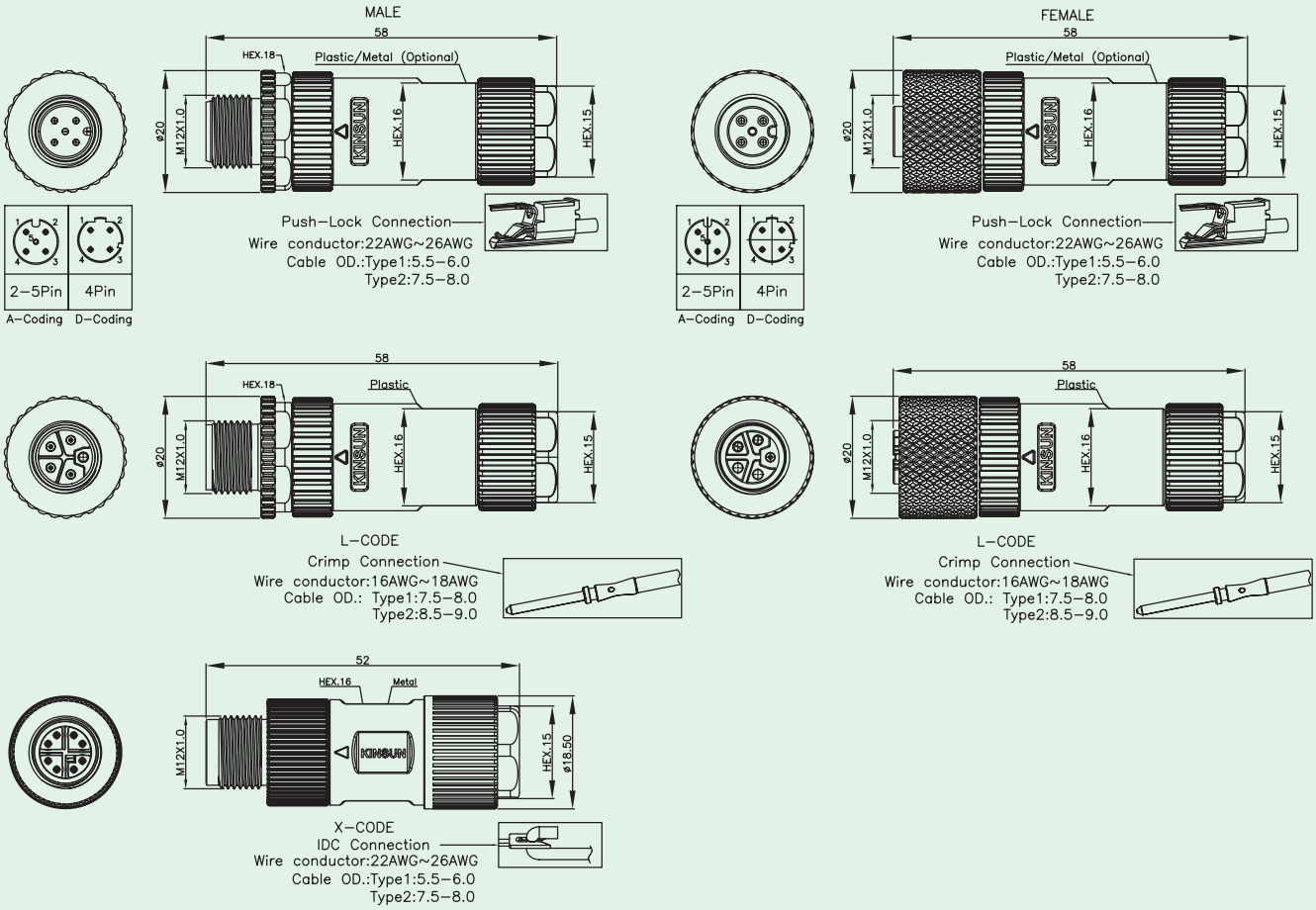
4002-ASY

1.Front/Rear Mount
2.Male/Female
3.A/B/D Code, Pin Count
4.Wire Length
5.Housing Model Number
6.PG9/M15/M12 Panel Screw

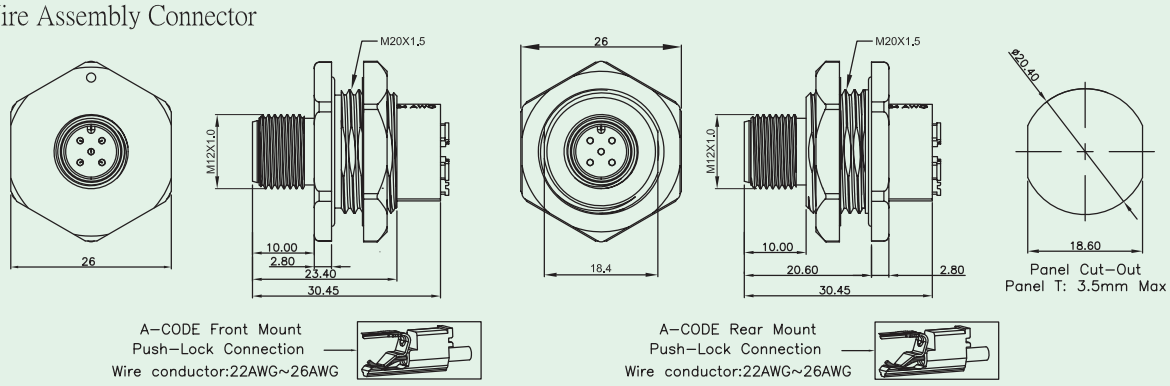
M12 On-Site Cable Assembly Kit & Quick Wire Assembly Connector

KINSUN

On-Site Cable Assembly Kit



Quick Wire Assembly Connector



Specification

RoHs Compliant

- **Material** : PBT/PA9T(Plastic), PBT/C3604/C6801(Housing), C3604/C6801/C5191(Pin)
- **Standard** : IEC 61076-2-101/IEC 61076-2-111/IEC61076-2-109
- **Certificate** : UL94V-0
- **Protection Rating** : IP65/IP68(Mated)
- **Operating Temp.** : -40°C to 85°C
- **Nut Torque:** : 14-16 kgf-cm

Specification Option

M12-Cable-ASY

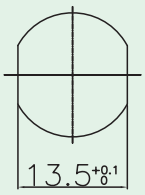
1.Male/Female
2.A/D/L/X Code, Pin Count
3.Plastic(A,D,L)/Metal(A,D,X)

M12-Panel-ASY

1.Front/Rear Mount
2.A Code Male, (3-5)Pin Count

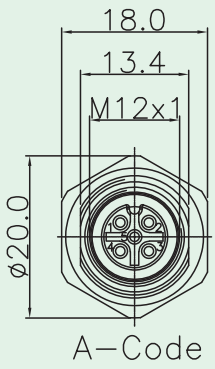
M12 Plastic Connector (A/B-Code)

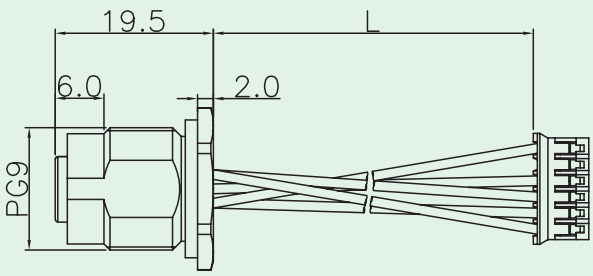
KINSUN

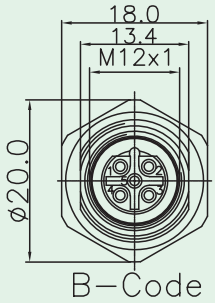


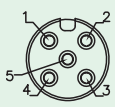
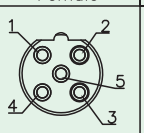
Panel Cut-out

Applicable Panel Thickness: 7.5mm Max.







Contacts	A-Code Female	Rated Current/Voltage	Contacts	B-Code Female	Rated Current/Voltage
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]	5PIN		[4A/60V AC/DC]

Specification

RoHs Compliant

- **Material** : PBT(Plastic), PA66(Housing), C3604/C6801(Pin), EPDM/NBR/FKM(Oring)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Predefined Cable Length** : 50mm/100mm/150mm...
- **Nut Torque:** : 12-16 kg-cm

Specification Option

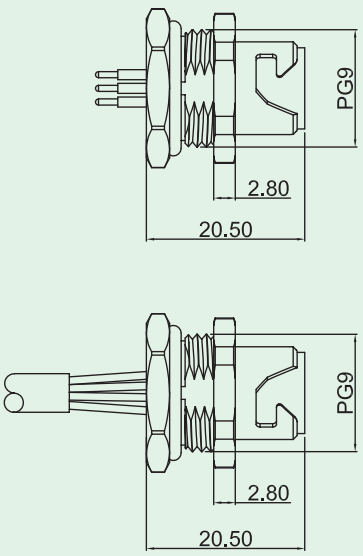
4002SN

1.A/B Code, Pin Count
2.Wire Length
3.Housing Model Number

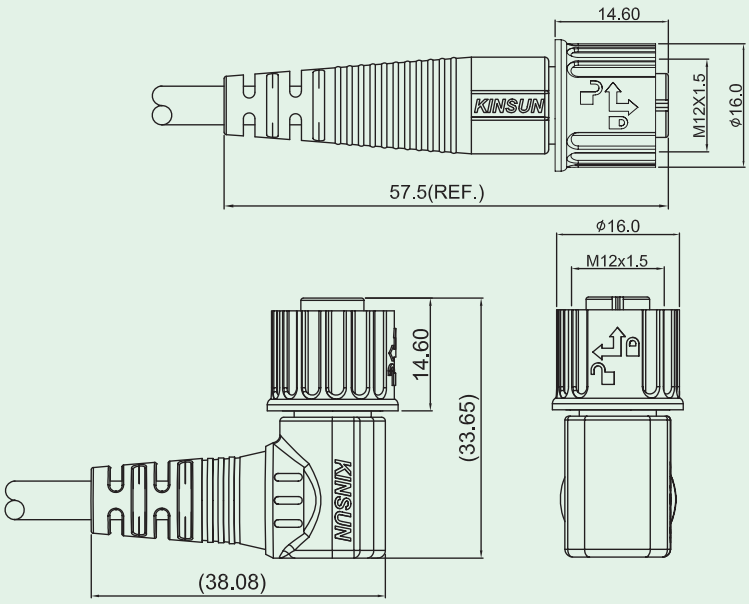
M12 Quick-Lock Connector

KINSUN

Male Connector

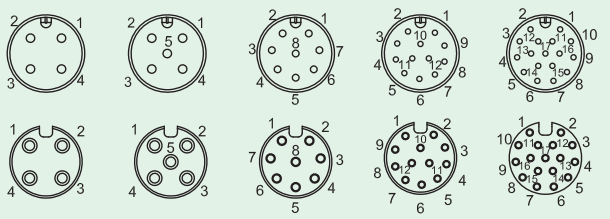


Female Cable



Male A Coding

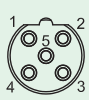
Female A Coding



2~4PIN	5PIN	6~8PIN	9~12PIN	13~17PIN
4A/250V	4A/60V	2A/30V	1.5A/30V	1.5A/30V

Male B Coding

Female B Coding

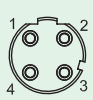


5PIN
4A/60V

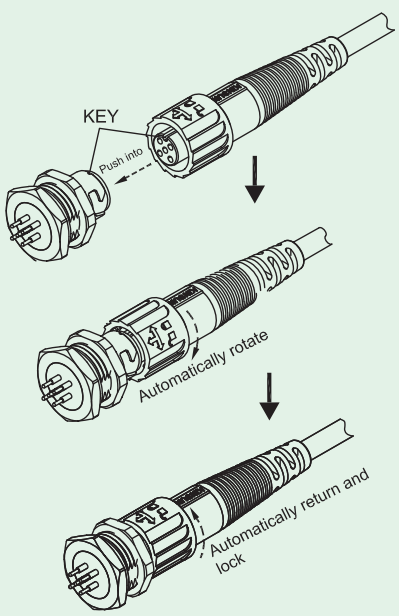
Male D Coding

Female D Coding

Frequency up to 100 MHz(Cat 5e)



4PIN
4A/250V



Specification

RoHs Compliant

- **Material** : PA66/PBT(Plastic), C3604/C5210(Pin), PVC(Insert molding), Brass(Nut), EPDM/Silicone(Oring)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : U94V-0
- **Operating Temp.** : -40°C to 85°C

Specification Option

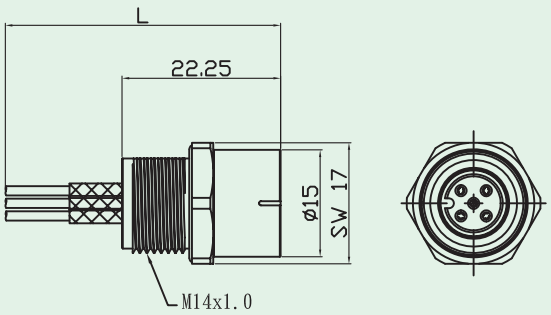
4002I/4006I

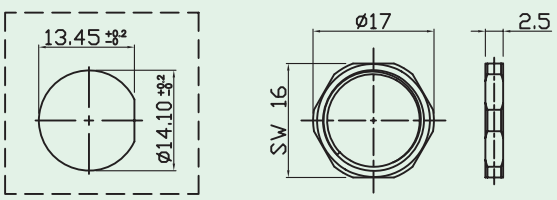
1.A/B/D Code, Pin Count
2.DIP/WTB (For Male Connector)
3.Wire/Cable Length

Ml2 Push-Pull Connector

KINSUN

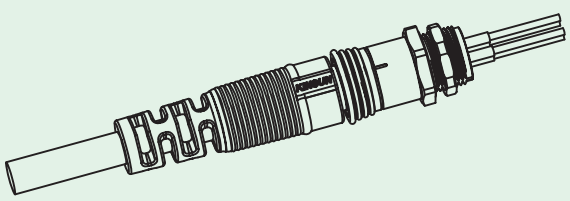
Female connector



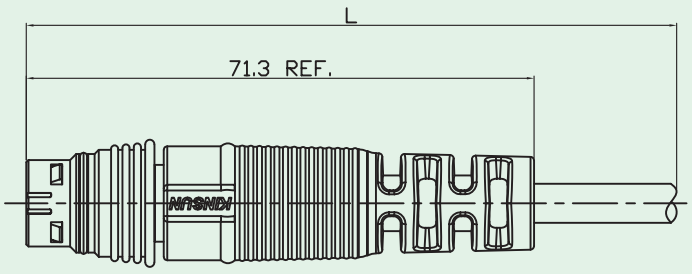


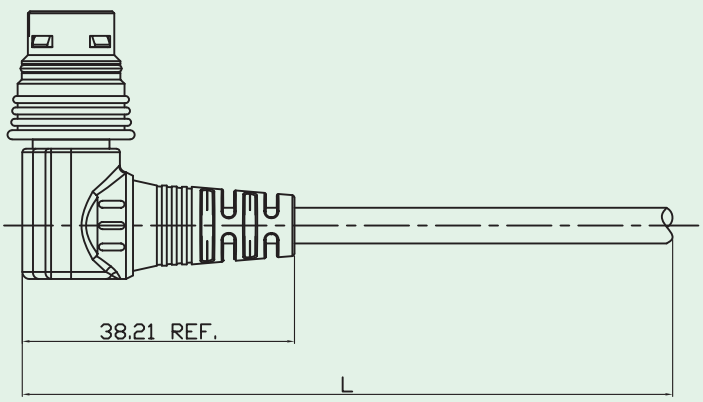
Panel Cut-out　　Nut

Female coding	A-code				D-code
Pin assignment					
Rating (AC/DC)	2-4pos.	5pos.	6-8pos.	9-12pos.	4pos.
	4A/250V	4A/60V	2A/30V	1.5A/30V	4A/250V



Male cable





Male coding	A-code				D-code
Pin assignment					
Rating (AC/DC)	2-4pos.	5pos.	6-8pos.	9-12pos.	4pos.
	4A/250V	4A/60V	2A/30V	1.5A/30V	4A/250V

Specification　　RoHs Compliant

- **Material** : PBT(Plastic), C5191/C3604(Pin), C5441/C3604/C6801/Zinc Alloy(Metal Housing/Nut), NBR(Oring), PVC(Cable)
- **Standard** : IEC 61076-2-101
- **Certificate** : UL94V-0
- **Protection Rating (match and lock):** IP68
- **Nut Torque** : 20~30 kgf-cm
- **Operating Temp.** : -40°C to +85°C

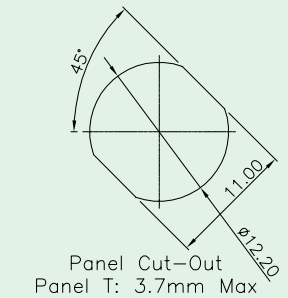
Specification Option

4002T/4006T

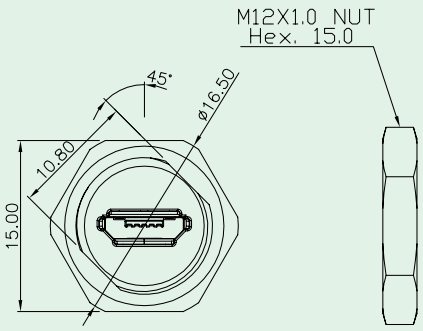
1.A/D Code, Pin Count
2.DIP/WTB (For Female Connector)
3.Wire/Cable Length

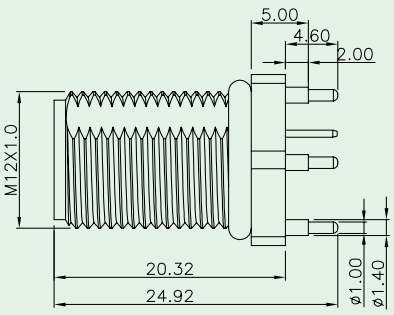
Waterproof USB Connector (MicroUSB/Type C)

KINSUN



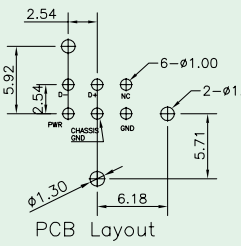
Panel Cut-Out
Panel T: 3.7mm Max
Nut Torque: 12~16kgf-cm



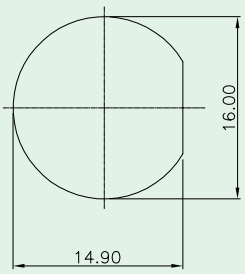


Micro USB B TYPE

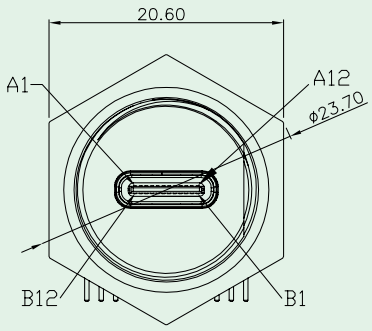
1.Rated Current: 1.8A Max(Pin1,5) 1.0A Max(Pin2,3,4)
2.Dielectric Withstanding Voltage: 100 V(ac) For 1Min



PCB Layout

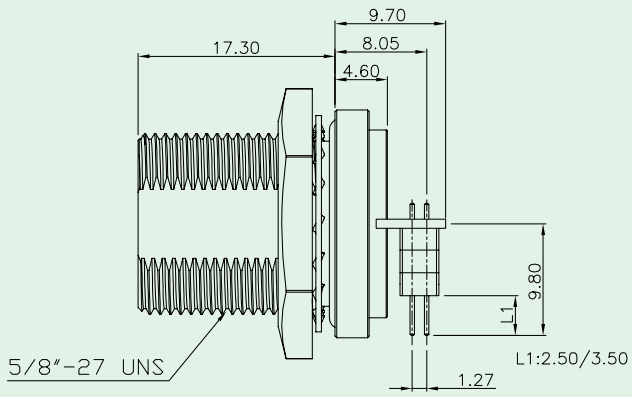


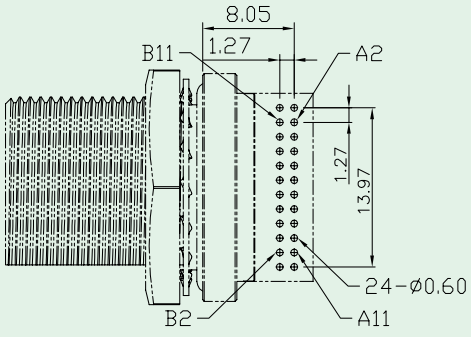
Panel Cut-Out
Panel T: 2-10mm
Nut Torque: 20~30kgf-cm



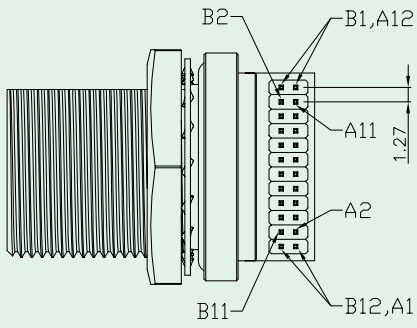
USB TYPE-C

1.Rated Current: 1.0 A
2.Dielectric Withstanding Voltage: 100 V(ac) For 1Min





PCB Layout



Specification

RoHs Compliant

- **Material** : LCP(Plastic), Stainless/6801(Metal Housing), PBR/Copper(Pin), Stainless/C6801(NUT)
- **Protection Rating** : IP68
- **Certificate** : UL94V-0
- **Operating Temp.** : -30°C to 80°C

Specification Option

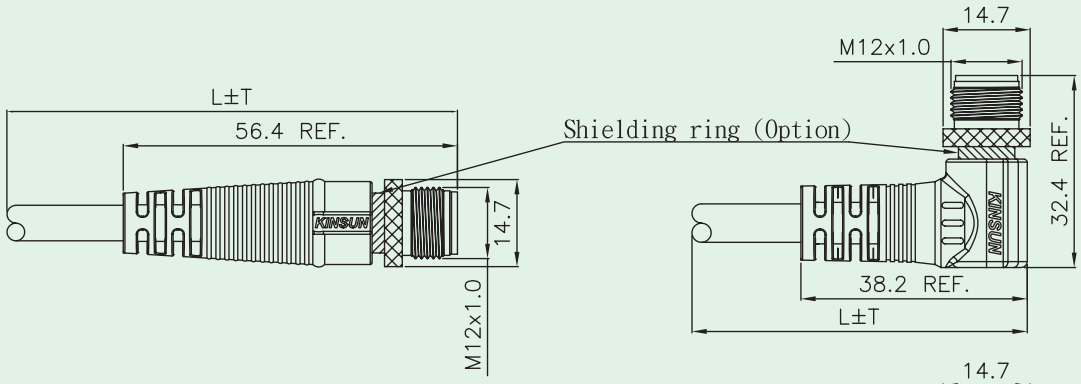
Micro USB:4002UA1000

Type C: 404X-Series

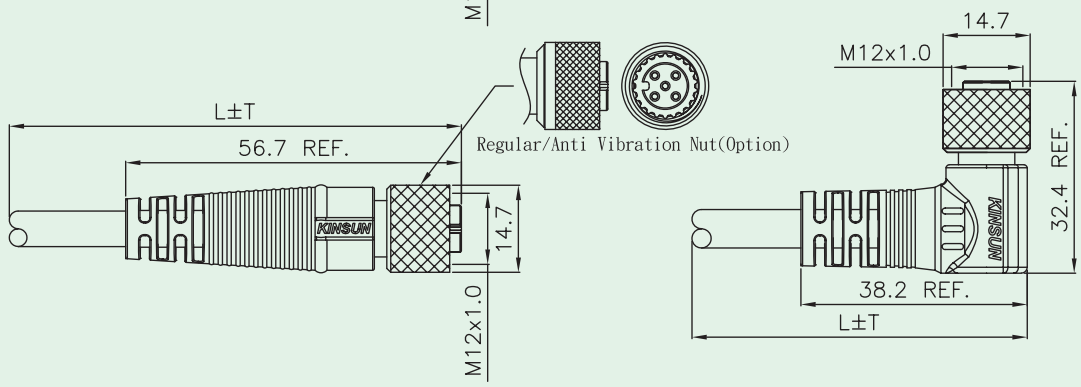
M12 Cable (A/B/D-Code, Signal)

KINSUN

Male

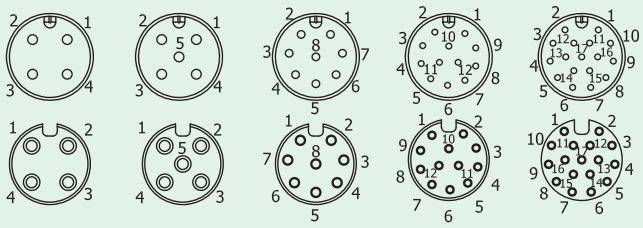


Female



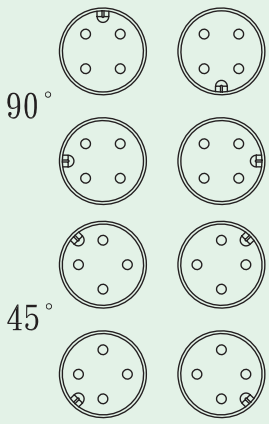
Male A-Code

Female A-Code



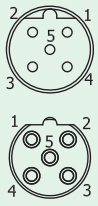
2~4PIN 4A/250V | 5PIN 4A/60V | 6~8PIN 2A/30V | 9~12PIN 1.5A/30V | 13~17PIN 1.5A/30V

Key direction for R/A version



Male B-Code

Female B-Code

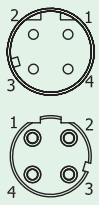


5PIN 4A/60V

Male D-Code

Female D-Code

Frequency up to 100MHz(Cat 5e)



4PIN 4A/250V

Specification

RoHs Compliant

- **Material** : PBT(Plastic), C3604/C6801/SUS(Housing), C519(Pin), EPDM/NBR(O-Ring)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Option:** Shielding ring
- **Predefined Cable Length:** 0.5M/1M/1.5M/2M/2.5M 99M

Specification Option

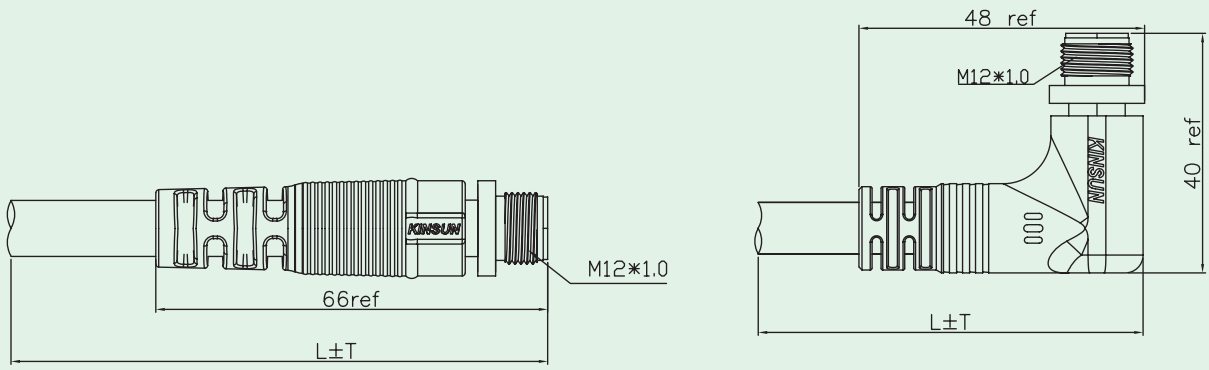
4006

1.Male/Female
2.Straight/Right-Angled(Direction)
3.A/B/D Code, Pin Count
4.Regular/Anti-Vibration Nut
5.Cable Specification, see p.42
6.Cable Length in Meter Unit

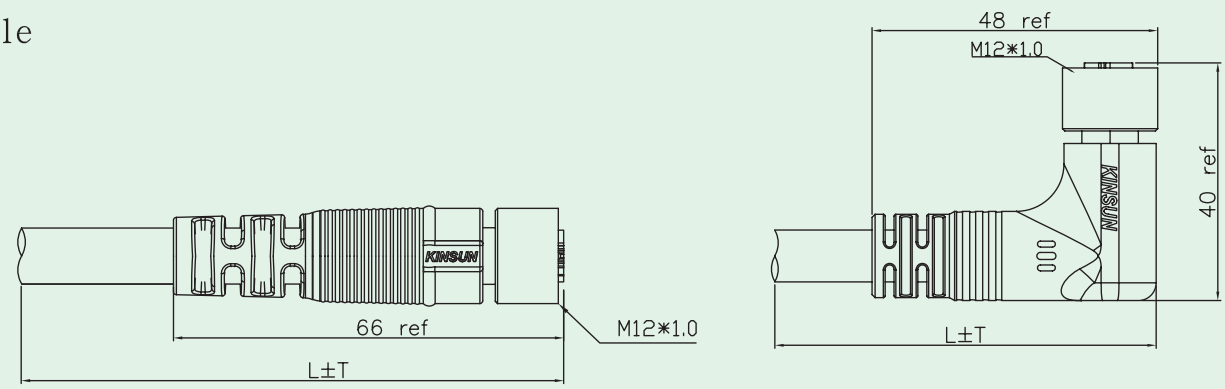
M12 Cable (K/L/S-Code, Power)

KINSUN

Male



Female



L Code 16A/63V						K Code 12A/630V			S Code 12A/630V	
2 way	3 way	4 way	3 way (2+FE)	4 way (3+FE)	5 way (4+FE)	3 way (2+PE)	4 way (3+PE)	5 way (4+PE)	4 way (3+PE)	5 way (4+PE)
Male										
Female										

Specification

RoHs Compliant

- **Material** : PA4T(Plastic), C6801/C5191(Pin), C6801/C3604(Metal Housing/Nut), NBR/EPDM(O-Ring)
- **Standard** : IEC 61076-2-111
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68(match and lock)

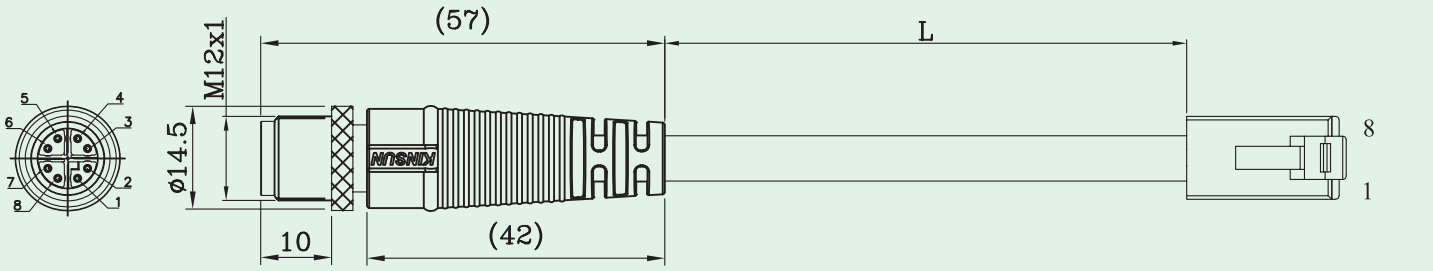
Specification Option

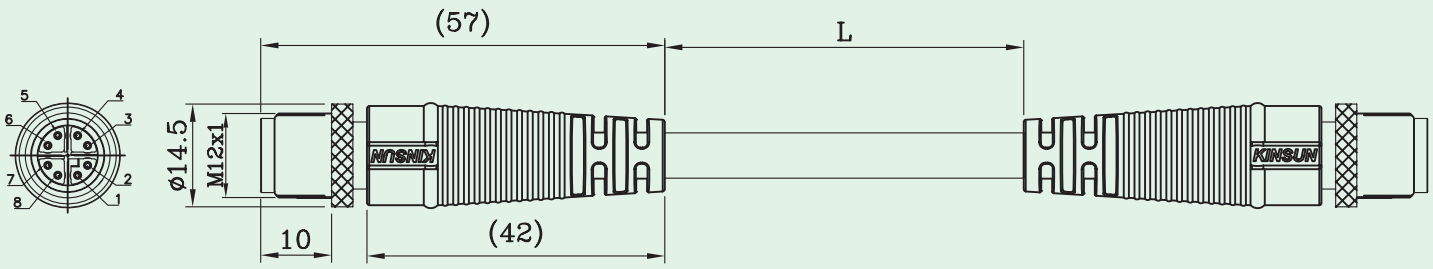
4009

1.Male/Female
2.Straight/Right-Angled(Direction)
3.L/K/S Code, Pin Count
4.Cable AWG 14-18 AWG
5.Cable Length in Meter Unit

M12 Cable
(X-Code, Data CAT6a)

KINSUN





Terminal Shield	Wire Harness Drain	地線	Terminal Shield	
8	Blue	藍	4	Twist
7	White	白	5	
6	Brown	棕	8	Twist
5	White	白	7	
4	Green	綠	6	Twist
3	White	白	3	
2	Orange	橙	2	Twist
1	White	白	1	
P1	Wire Color		P2	

Specifications:
1. Poles: 8.
2. Rated Voltage: 48V.
3. Rated Current: 0.5A.
4. Contact resistance:<15mΩ.
5. Insulation resistance:>100MΩ.
6. protection:IP68,Mated.
7. Temperature range:−40°C~85°C.
8. Transmission performance(Category):Cat 6A.

Specification

RoHs Compliant

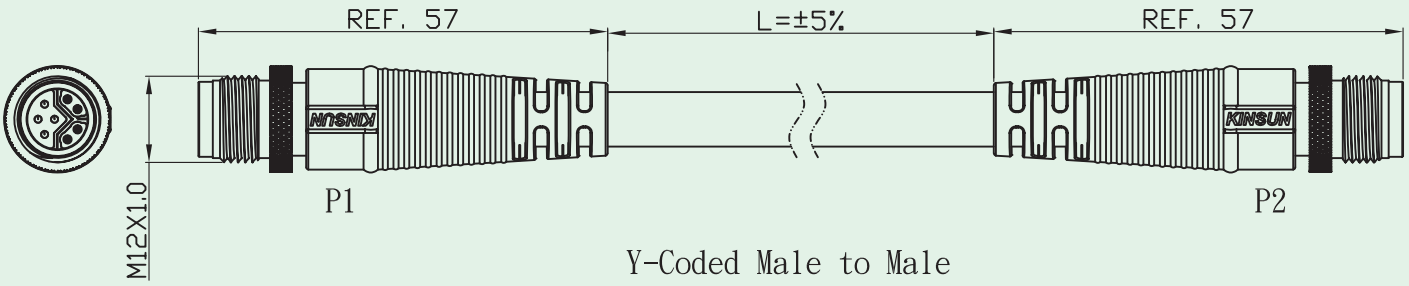
- **Material** : Zinc Alloy(Metal Housing), PBT(Housing), C5191(pin), Copper Alloy(Metal Nut),EPDM(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-109
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C
- **Rated Voltage:** 48V DC rms
- **Rated Current:** 0.5A
- **Predefined Cable Length:** 50cm/100cm/150cm....

Specification Option

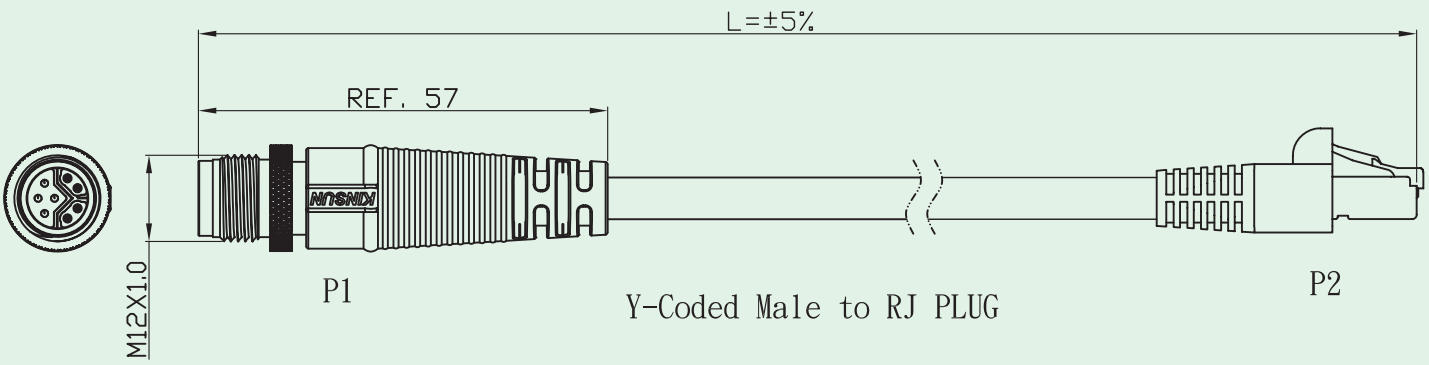
4007 Series

M12 Cable (Y-Code, CAT5e and Power)

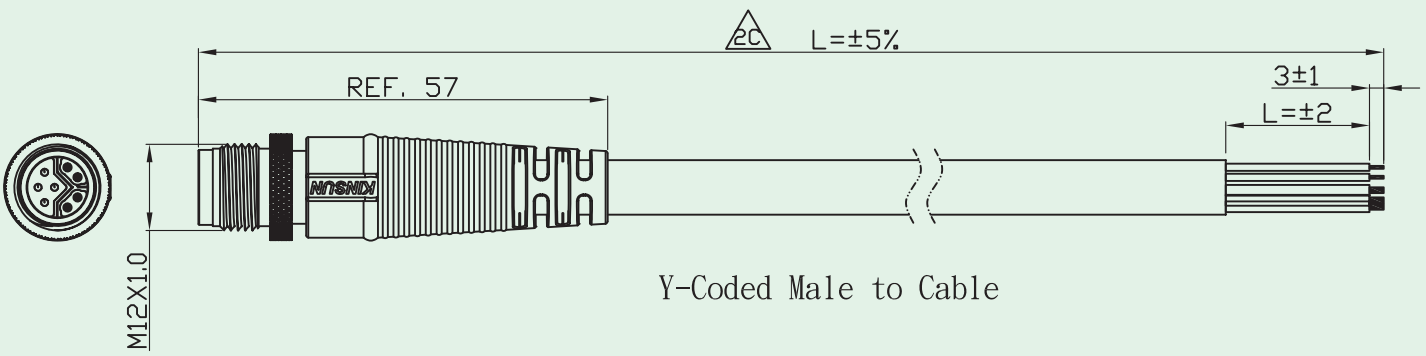
KINSUN



Y-Coded Male to Male



Y-Coded Male to RJ PLUG



Y-Coded Male to Cable

Specification

RoHs Compliant

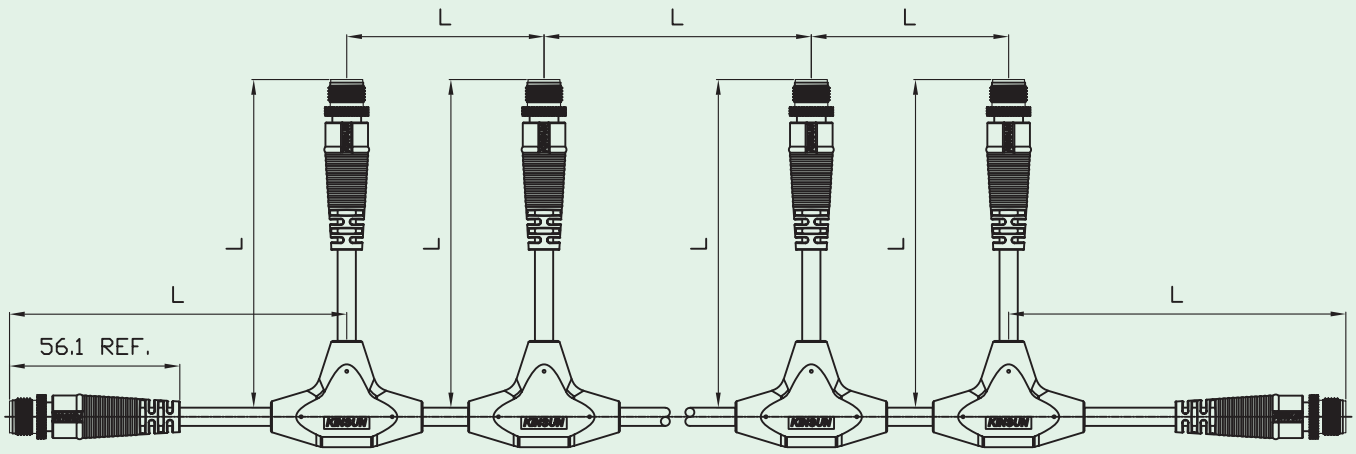
- **Material** : PBT(Plastic), PBR (Pin), Zinc Alloy(Metal Housing), C3604(NUT)
- **Standard** : IEC 61076-2-113
- **Protection Rating** : IP68 (Mated)
- **Certificate** : UL94V-0
- **Rated Voltage** : 30v DC/AC
- **Rated Current** : 0.5A(Data Pin), 6A(Power Pin)
- **Operating Temp.** : -40°C to 85°C

Specification Option

4008-Series

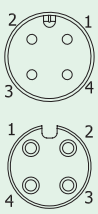
M12 A-coded Cable (Multiple Ports)

KINSUN

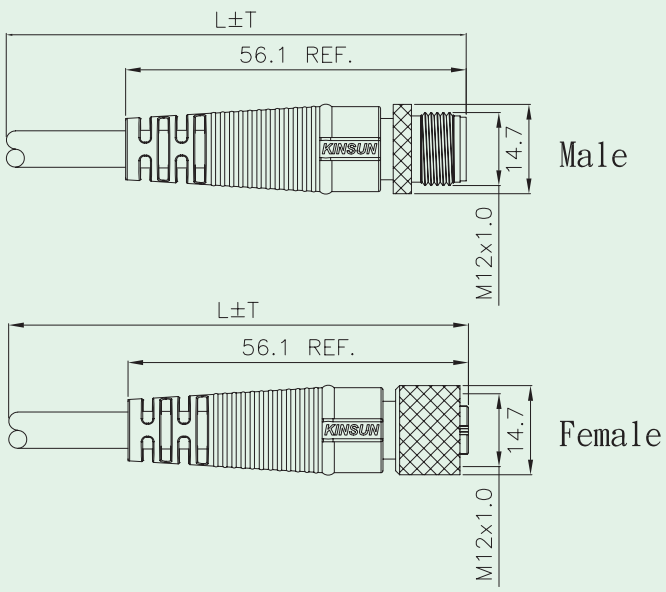


Male A-Code

Female A-Code



2~4PIN
4A/250V



Specification

RoHs Compliant

- **Material** : PBT(Plastic), C3604/C6801/SUS(Housing), C5191(pin),EPDM/NBR(O-ring)
- **UL Certificate** : UL94V-0
- **Standard** : IEC 61076-2-101
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C

- **Predefined Cable Length:** 0.5M/1M/1.5M/2M/2.5M....99M

Specification Option

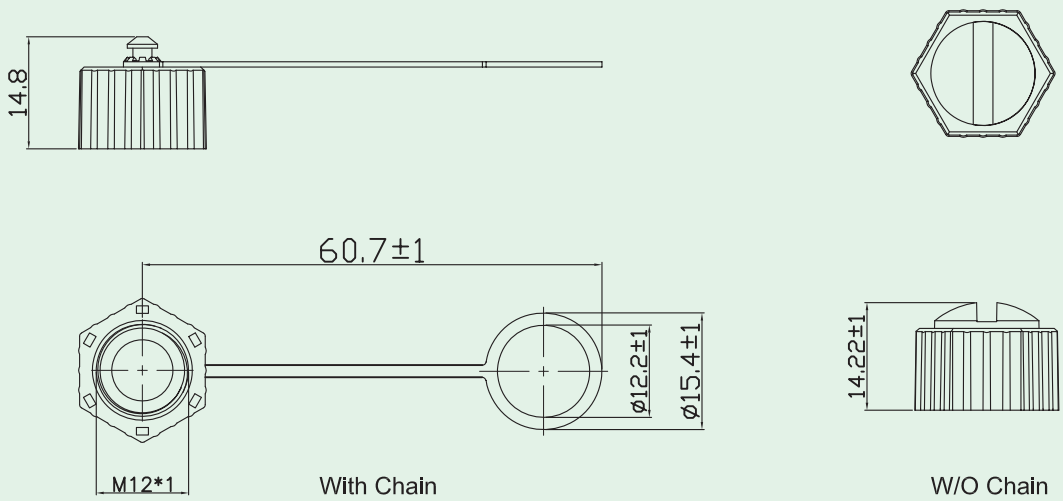
4006MLT

1.Male/Female
2.A Code, Pin Count (3,4Pin)
3.Cable Specification, see p.42
4.Cable Length

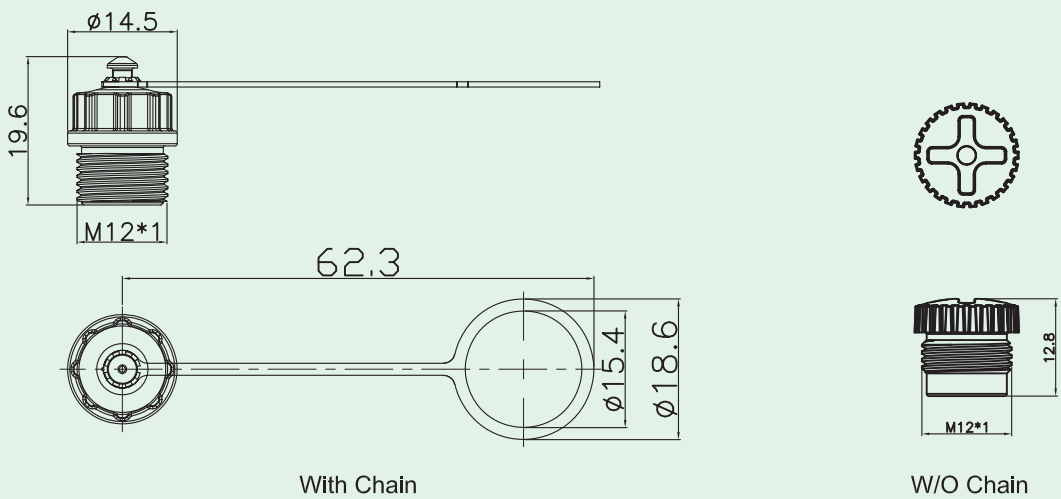
M12 Cap

KINSUN

Male



Female



Specification

RoHs Compliant

- **Material** : PC(Housing), EPDM(Oring), PA66(Chain)
- **Standard** : IEC 61076-2-101
- **UL Certificate** : UL94V-0
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

Specification Option

4001A-CAP-X X

1=Male
2=Female

1=With Chain
2=W/o Chain

UL20549

TECHNICAL DATA

Nominal voltage	300V
Temperature range	-20°C~80°C
Insulator	PU
Shield	Aluminum Foil+Drain Wire(Option)

UL2464/UL2517

TECHNICAL DATA

Nominal voltage	UL2464 300V AC/ UL2517 AC300V AC
Temperature range	UL2464 -20°C~+80°C/UL2517 -40°C~+105°C
Insulator	PVC
Shield	Single-Shield=Aluminum Foil Double-Shield=Aluminum Foil=Aluminum Foil+Tinned Copper Braid Drain Wire(Option)

UL20276

TECHNICAL DATA

Nominal voltage	30V
Temperature range	80°C
Insulator	PVC
Shield	Individually shield with spiral wrapped tinned copper wires or braided tinned copper wires Drain Wire(Option)

UL1007/UL1430

TECHNICAL DATA

Nominal voltage	300V
Temperature range	UL1007 80°C /UL1430 105℃
Insulator	UL1007 PVC /UL1430 XL-PVC

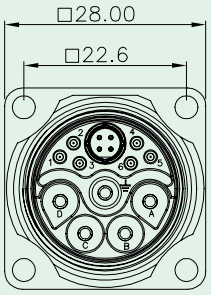
Ethernet cables

TECHNICAL DATA

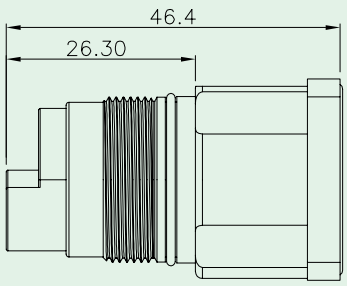
UTP	CAT5e	24AWG*4P Black
FTP	CAT5e	26AWG*4P Black
S-FTP	CAT6A	26AWG*4P Beige
Temperature range		75°C
Insulator		PVC

M23 Field-Wireable Receptacle Connector (Hybrid/Power)

Male Connector

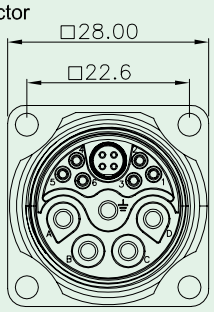


Male contacts

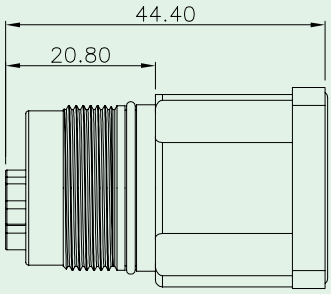


• Rated Voltage: 630V DC/AC Rated Current: 30A (Power)
30V DC/AC Rated Current: 1.2A (Signals)

Female Connector

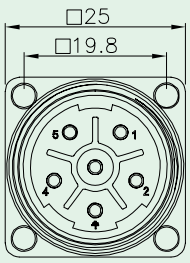


Female contacts

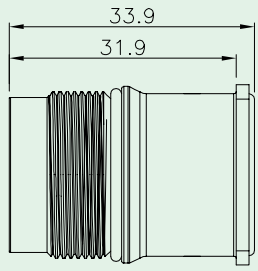


• Rated Voltage: 630V DC/AC Rated Current: 30A (Power)
30V DC/AC Rated Current: 1.2A (Signals)

Male Connector



Male contacts



• Rated Voltage: 630V DC/AC Rated Current: 30A

Specification

RoHs Compliant

- **Material** : PA(Plastic), Brass(Pin), Zinc Alloy/C6801(Metal Housing)
- **Protection Rating** : IP67 (Mated)
- **Certificate** : UL94V-0
- **Operating Temp.** : -20°C to 130°C

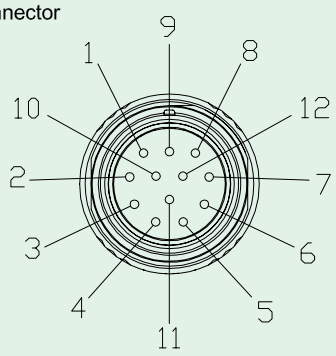
Specification Option

4031-Series

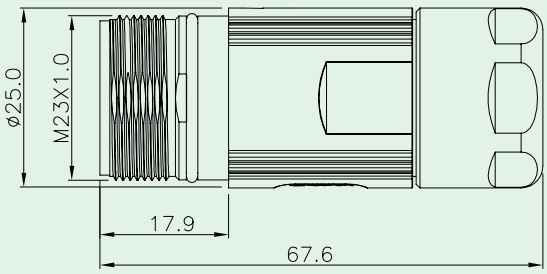
M23 Field-Wireable Plug Connector (Signal/Power)

KINSUN

Male Connector

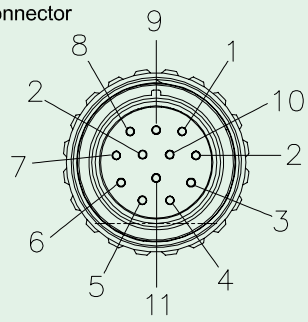


MALE 12 POS.

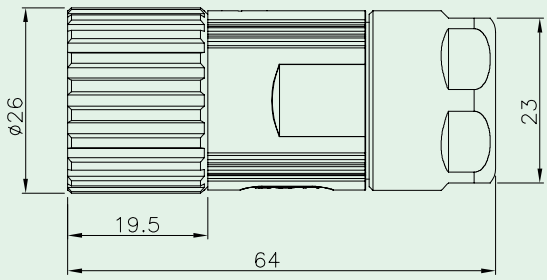


• Rated Voltage:160V DC/AC Rated Current: 10A

Female Connector

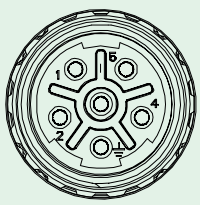


FEMALE 12 POS.

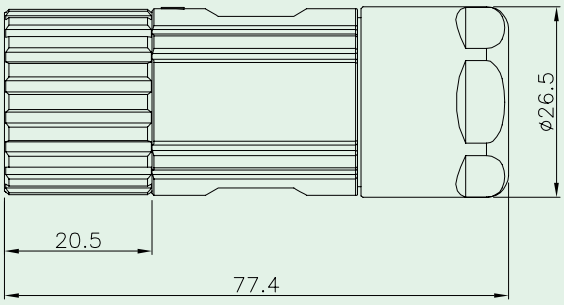


• Rated Voltage:160V DC/AC Rated Current: 10A

Female Connector



FEMALE 4POS.+PE



• Rated Voltage:630V DC/AC Rated Current: 30A

Specification

RoHs Compliant

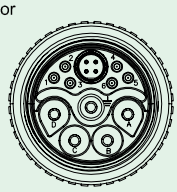
- **Material** : PA(Plastic), Brass(Pin), Zinc Alloy(Metal Housing)
- **Protection Rating** : IP67 (Mated)
- **Certificate** : UL94V-0
- **Operating Temp.** : -20°C to 130°C

Specification Option

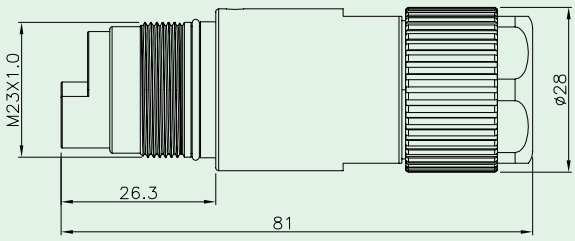
4036-Series

M23 Field-Wireable Plug Connector (Hybrid)

Male Connector

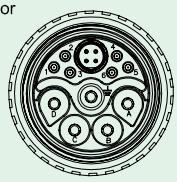


Male contacts

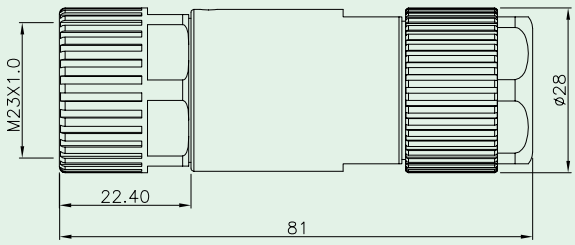


• Rated Voltage: 630V DC/AC Rated Current: 30A (Power)
30V DC/AC Rated Current: 1.2A (Signals)

Male Connector

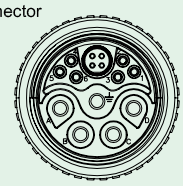


Male contacts

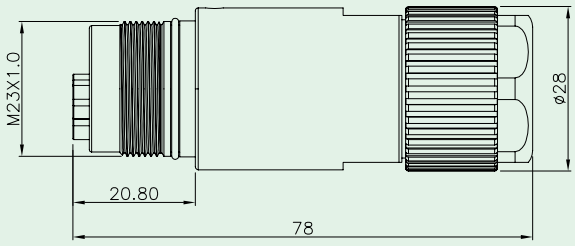


• Rated Voltage: 630V DC/AC Rated Current: 30A (Power)
30V DC/AC Rated Current: 1.2A (Signals)

Female Connector

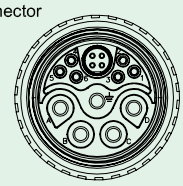


Female contacts

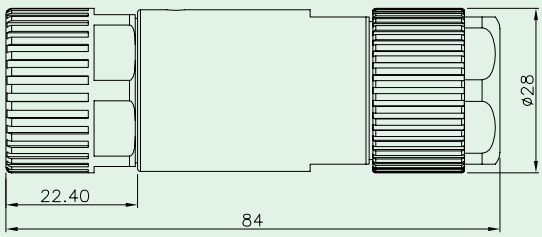


• Rated Voltage: 630V DC/AC Rated Current: 30A (Power)
30V DC/AC Rated Current: 1.2A (Signals)

Female Connector



Female contacts



• Rated Voltage: 630V DC/AC Rated Current: 30A (Power)
30V DC/AC Rated Current: 1.2A (Signals)

Specification

RoHs Compliant

- **Material** : PA(Plastic), Brass(Pin), C6801(Metal Housing)
- **Protection Rating** : IP67 (Mated)
- **Certificate** : UL94V-0
- **Operating Temp.** : -20°C to 130°C

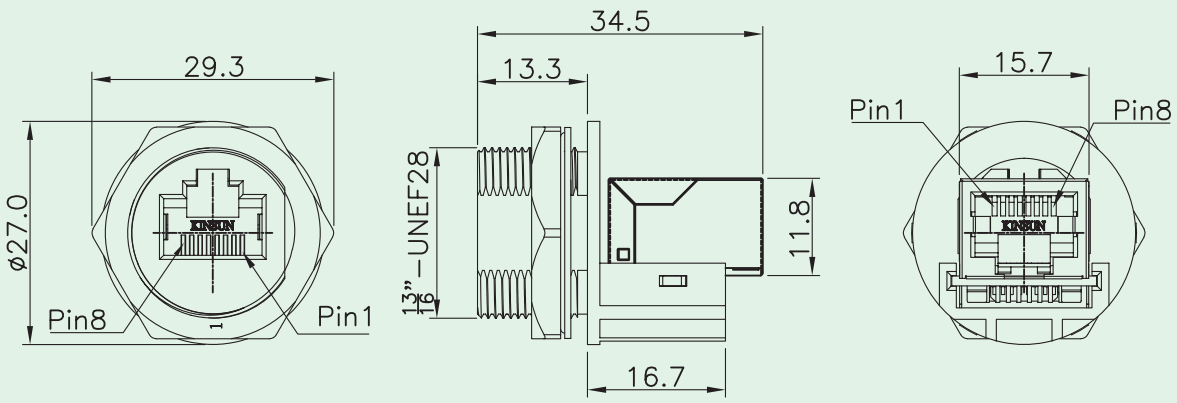
Specification Option

4036-Series

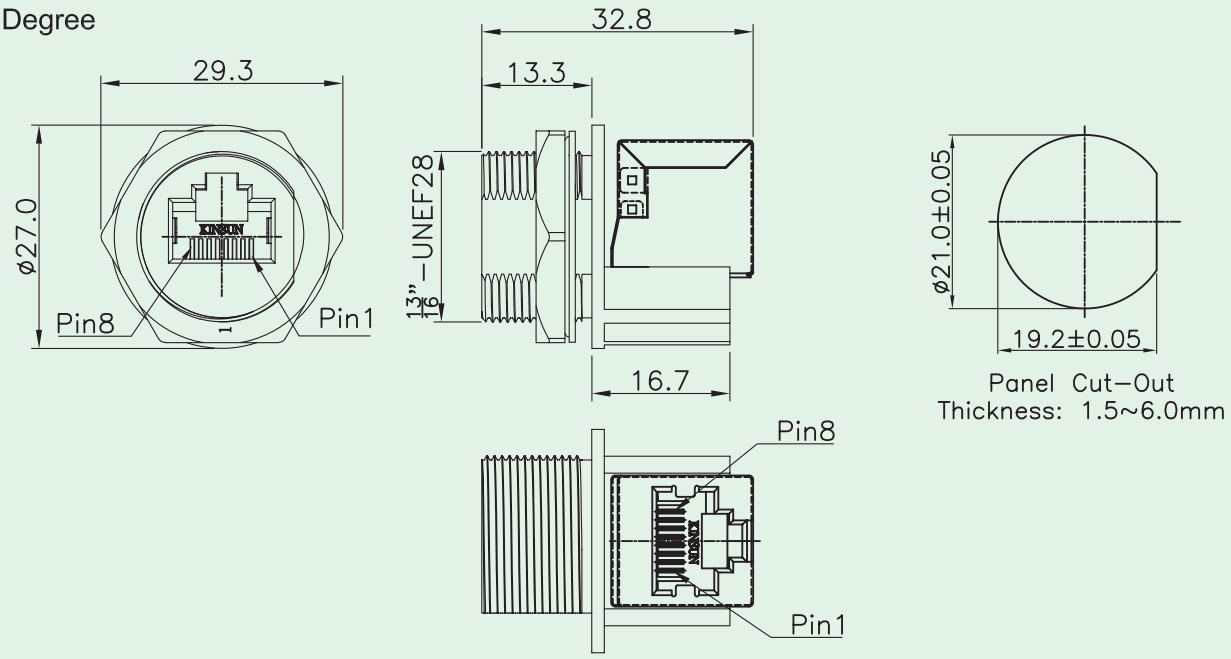
Screw-Locking Waterproof RJ45 Jack Coupler

KINSUN

180 Degree



90 Degree



Specification

RoHs Compliant

- **Material Plastic** : PC(Housing), PBT(RJ Housing), C5210(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50-57V AC rms
- **Rateb Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C

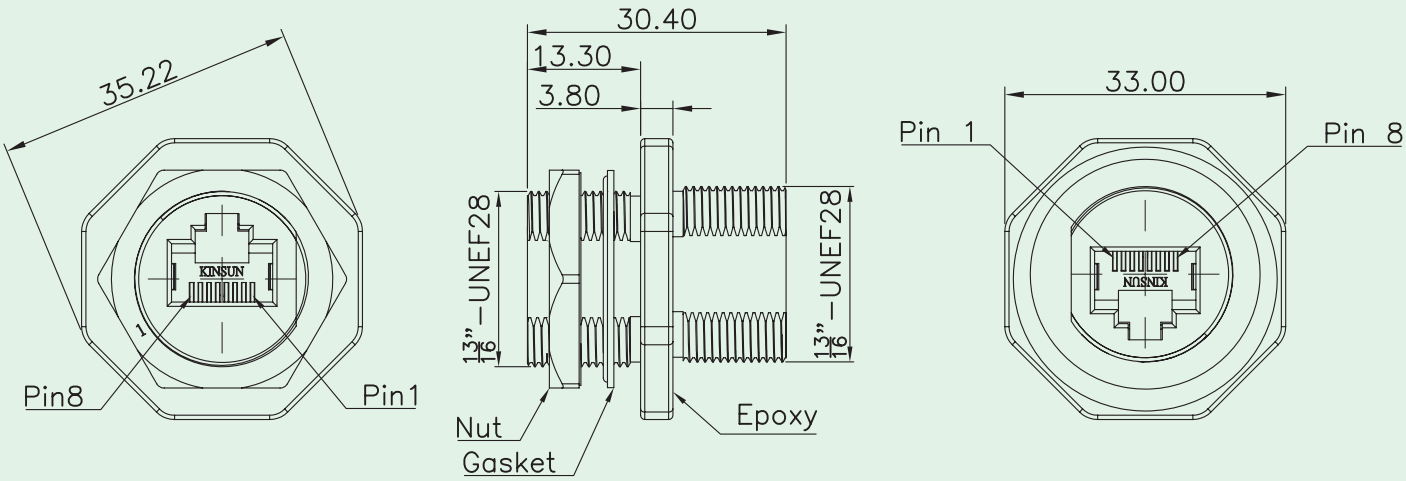
Specification Option

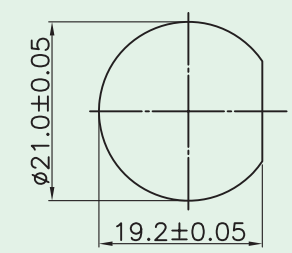
3352F01110 (180 Degree)

3352F01220 (90 Degree)

Screw-Locking Waterproof RJ45 Jack Coupler Feedthrough

KINSUN





Panel Cut-Out
Thickness: 1.5~2.0mm

Specification

RoHs Compliant

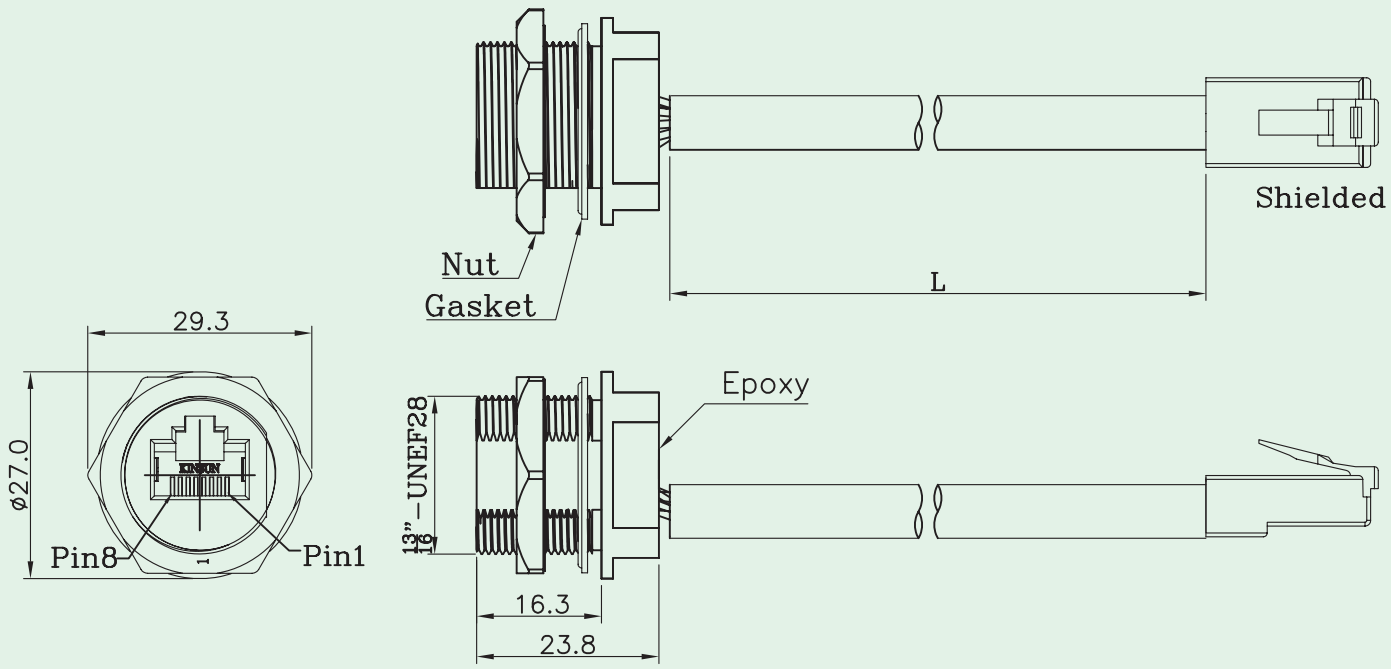
- **Material** : PC(Housing&Nut), C5210(Pin), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated Voltage:** : 125V AC
- **Rated Current:** : 1.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** : 16~18kgf-cm

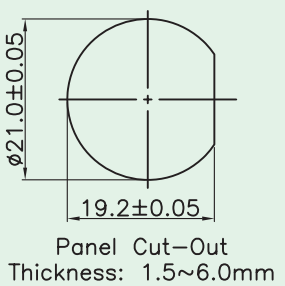
Specification Option

3352G02639 Cat 5e
3352G02040 Cat 6a

Screw-Locking Waterproof RJ45 Jack With RJ45 Plug Cable

KINSUN





Specification

RoHs Compliant

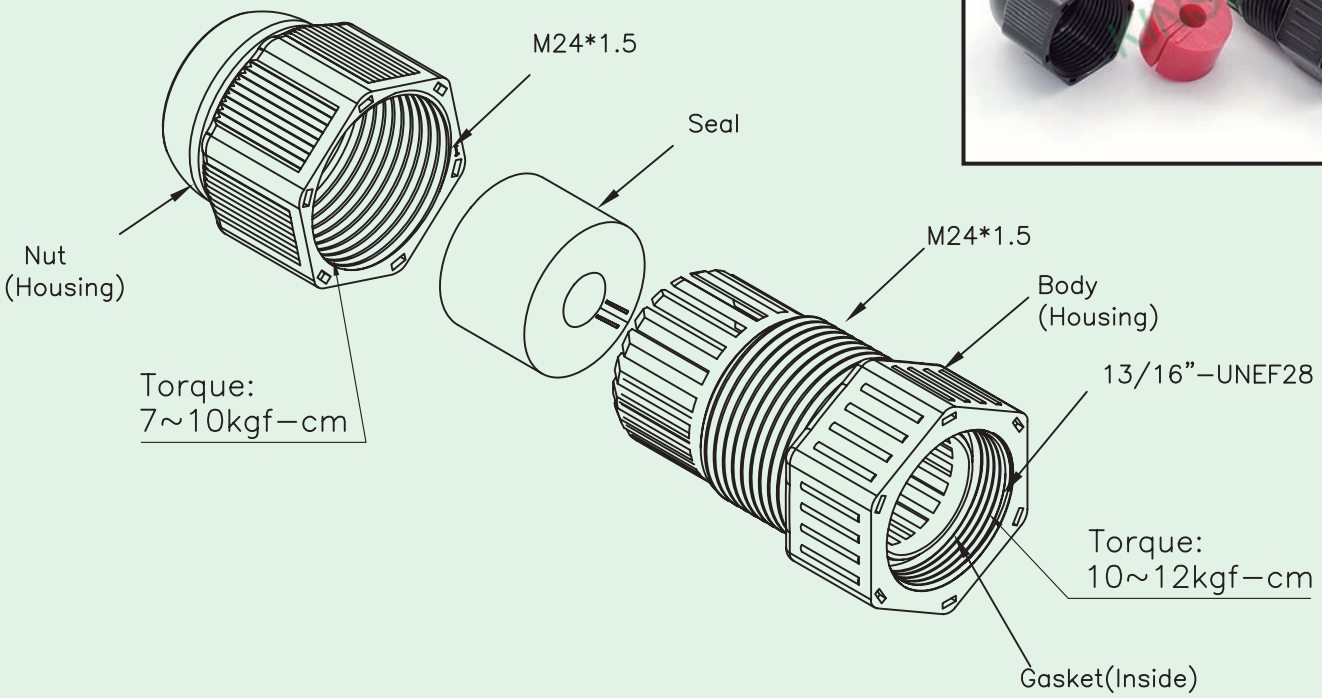
- **Material** : PC(Housing&Nut), C5210(Pin), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 5D~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length:** 50mm/100mm/150mm...
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** 16~18kgf-cm

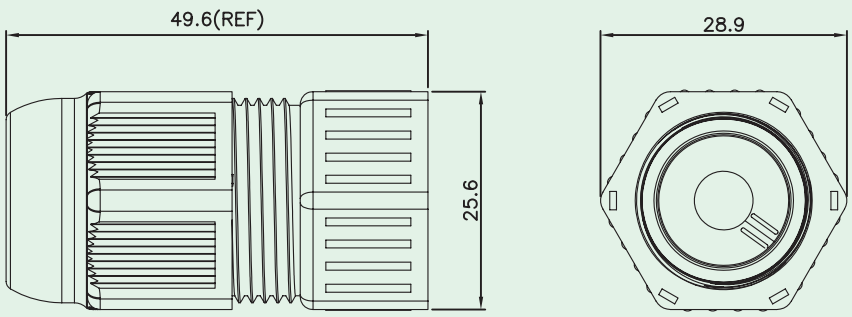
Specification Option

3352K10040

Screw-Locking Waterproof RJ45 Plug Cable Gland

KINSUN





Specification

RoHs Compliant

- **Material** : PC(Housing&Nut), Silicone(Gasket&Seal)
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

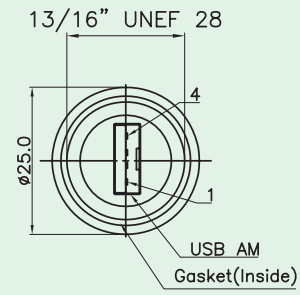
Specification Option

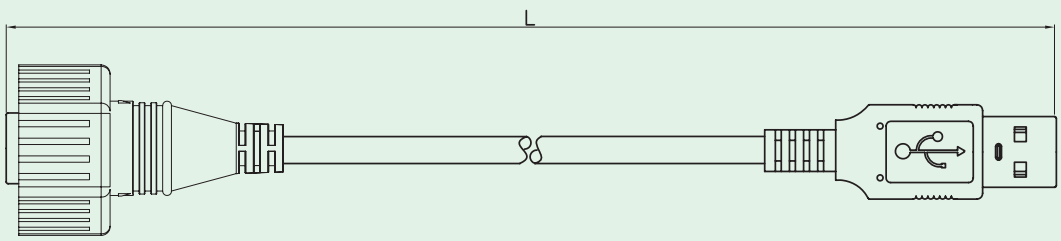
3352L02010(Cable OD Ø5.5~Ø7.0)
3352P02020(Cable OD Ø7.0~Ø9.5)

Screw-Locking Waterproof RJ45/USB Cable (Molding Type)

KINSUN

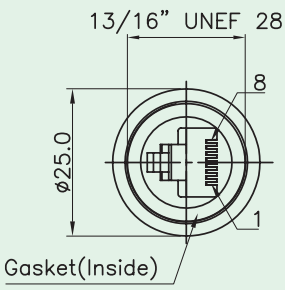
USB

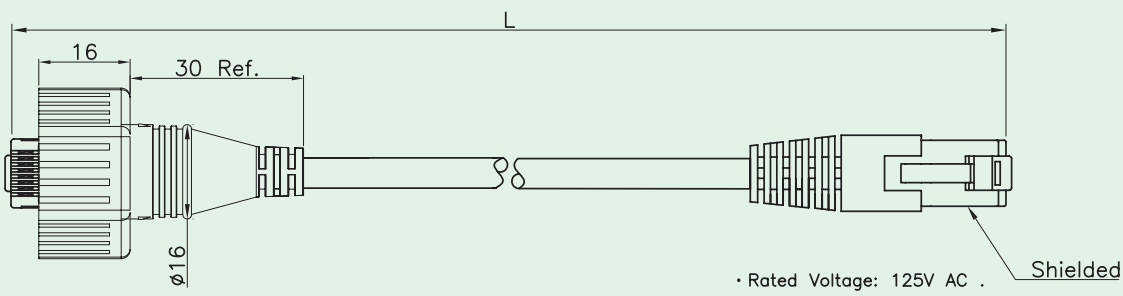




- Rated Voltage: 30V AC .
- Rated Current: 1.5 A.

RJ45





- Rated Voltage: 125V AC .
- Rated Current: 1.5 A.

Specification

RoHs Compliant

- **Material** : PC(Cable Nut), Silicone(Gasket), PVC(Over Molding&Jacket), Phos.Bronze(Pin)
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Predfined Cable Length** : 0.5M/1M/1.5M...

Specification Option

3352M-X XXX

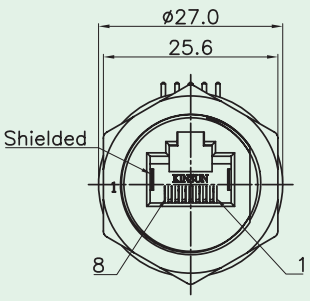
R=RJ
U=USB

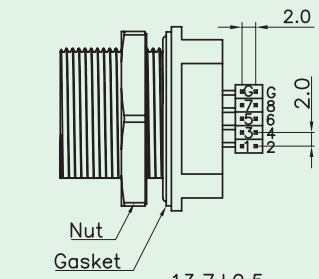
Cable Length
005=50cm
010=1M
100=10M

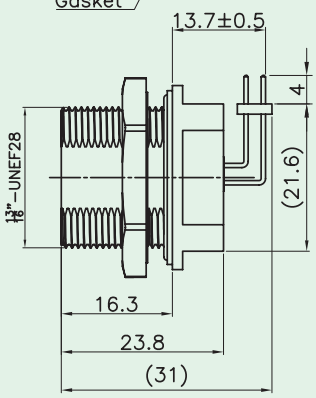
Screw-Locking Waterproof RJ45 Jack Right-Angled Pin Header

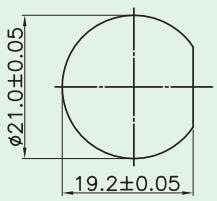
KINSUN

With GND Pin

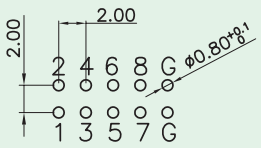






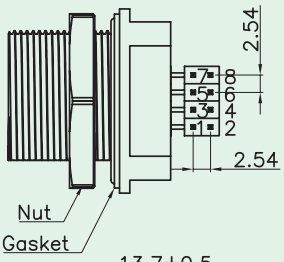


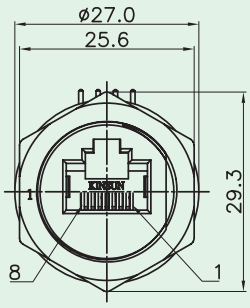
Panel Cut-Out
Thickness: 1.5~6.0mm

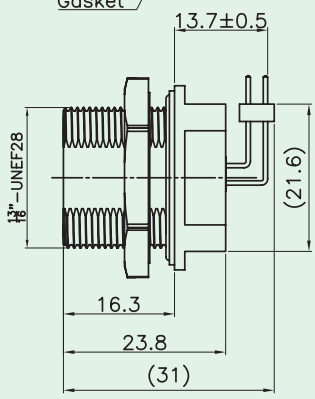


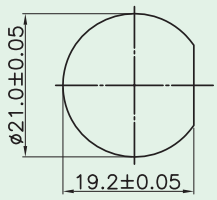
P.C.B Layout
Scale 2:1

Without GND Pin

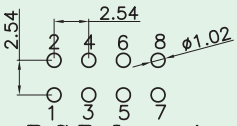








Panel Cut-Out
Thickness: 1.5~6.0mm



P.C.B Layout
Scale 2:1

Specification

RoHs Compliant

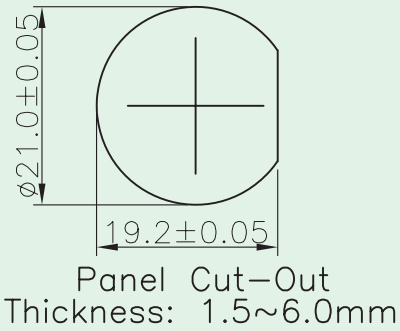
- **Material** : PC(Housing&Nut), C5210(Pin), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated voltage** : 50~57V AC
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

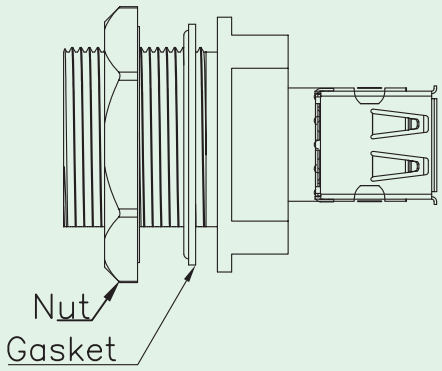
Specification Option

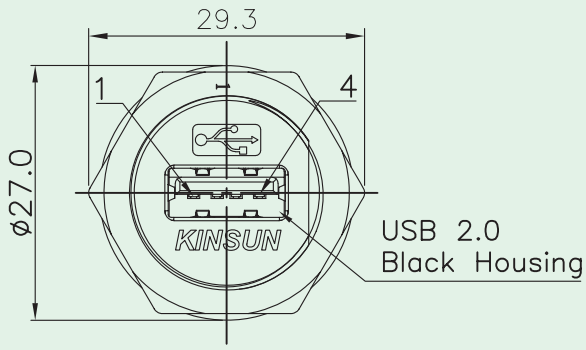
3352P01011(W/O GND Pin)
3352P05011(With GND Pin)

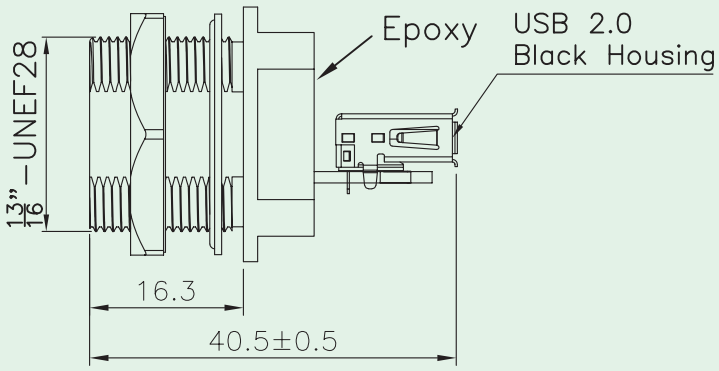
Screw-Locking Waterproof USB A-Type 2.0 Feedthrough

KINSUN









Specification

RoHs Compliant

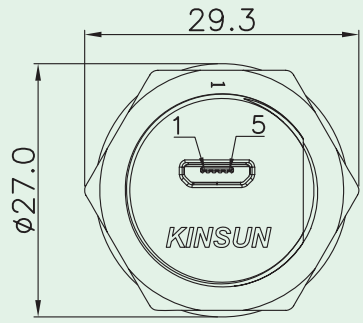
- **Material** : PC(Housing&Nut), C5191(Pin), C2680(Shielded), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 30V AC
- **Rated Current** : 1.5A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condlition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

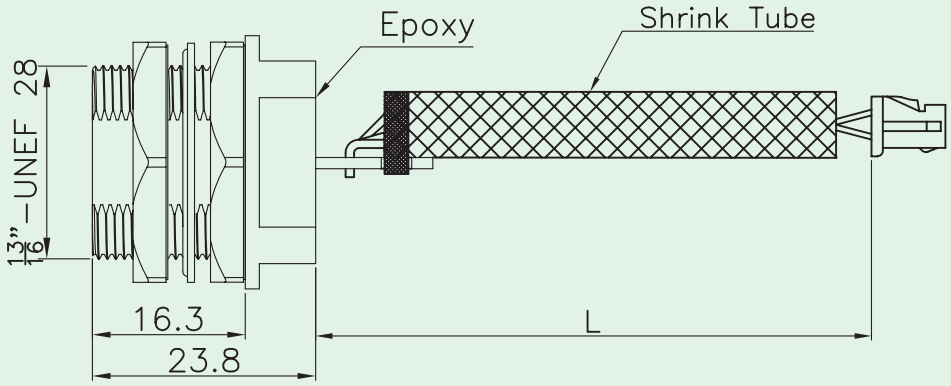
Specification Option

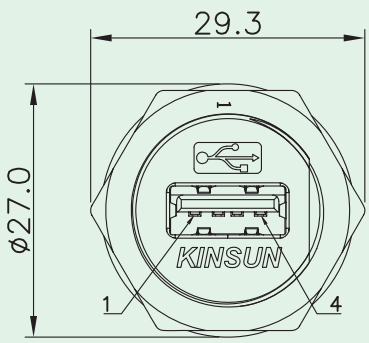
3352U01410

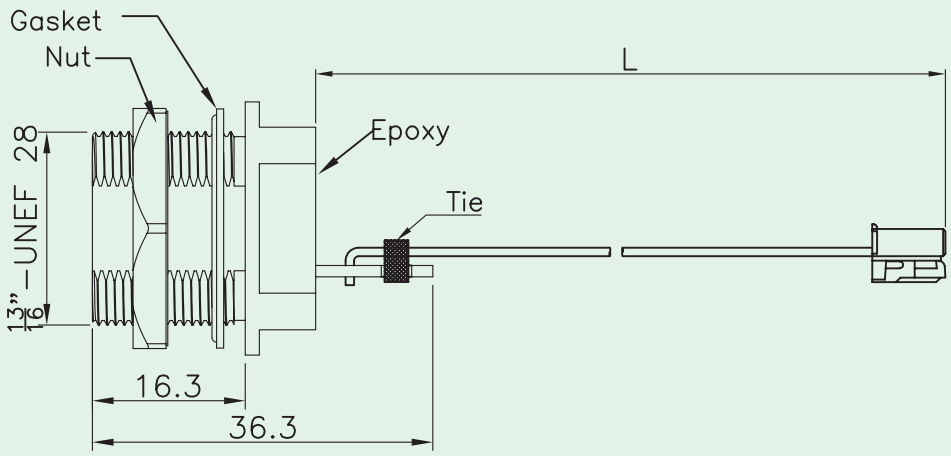
Screw-Locking Waterproof USB(MicroUSB)With Cable

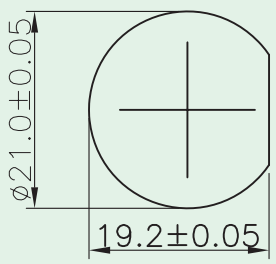
KINSUN



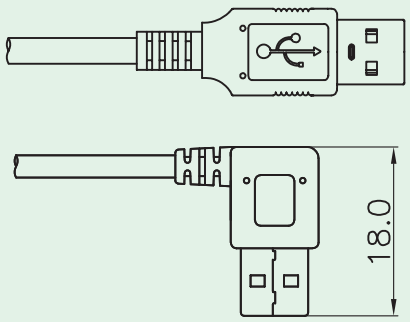








Panel Cut-Out
Thickness: 1.5~6.0mm



Scale(3:5)

Specification

RoHs Compliant

- **Material** : PC(Housing&Nut), PBT(Housing), C5191(Pin), Silicone(Gasket)
- **UL Certificate** : UUL94V-0
- **Rated Voltage** : 30V AC
- **Rated Current** : 1.5A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length** : 50mm/100mm/150mm…
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

Specification Option

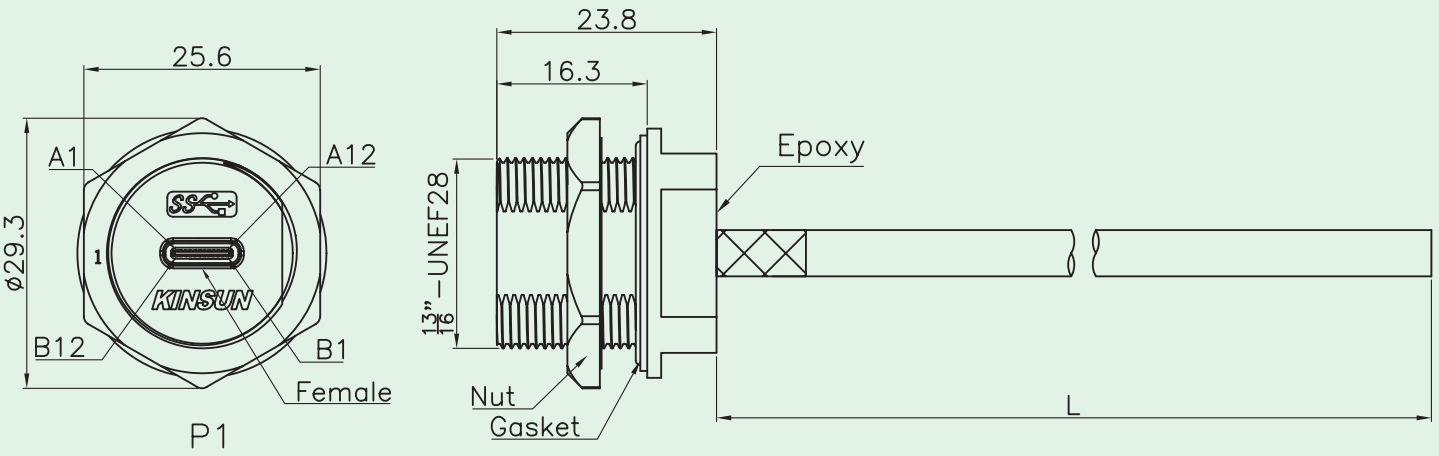
3352U-XX XXX

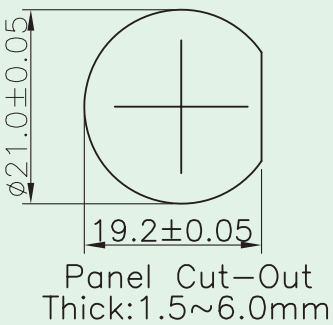
01=Housing
02=USB 2.0 Straight
03=USB 2.0 Right-Angled

Cable Length
005=50cm
010=1M
100=10M

Screw-Locking Waterproof USB Type-C With Cable

KINSUN





Specification

RoHs Compliant

- **Material** : PC(Housing&Nut), PBT(Housing), C5191(Pin), Silicone(Gasket)
- **Nut Torque:** 16~18kgf-cm
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 20V DC
- **Rated Current** : 3A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length:** 50mm/100mm/150mm…
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

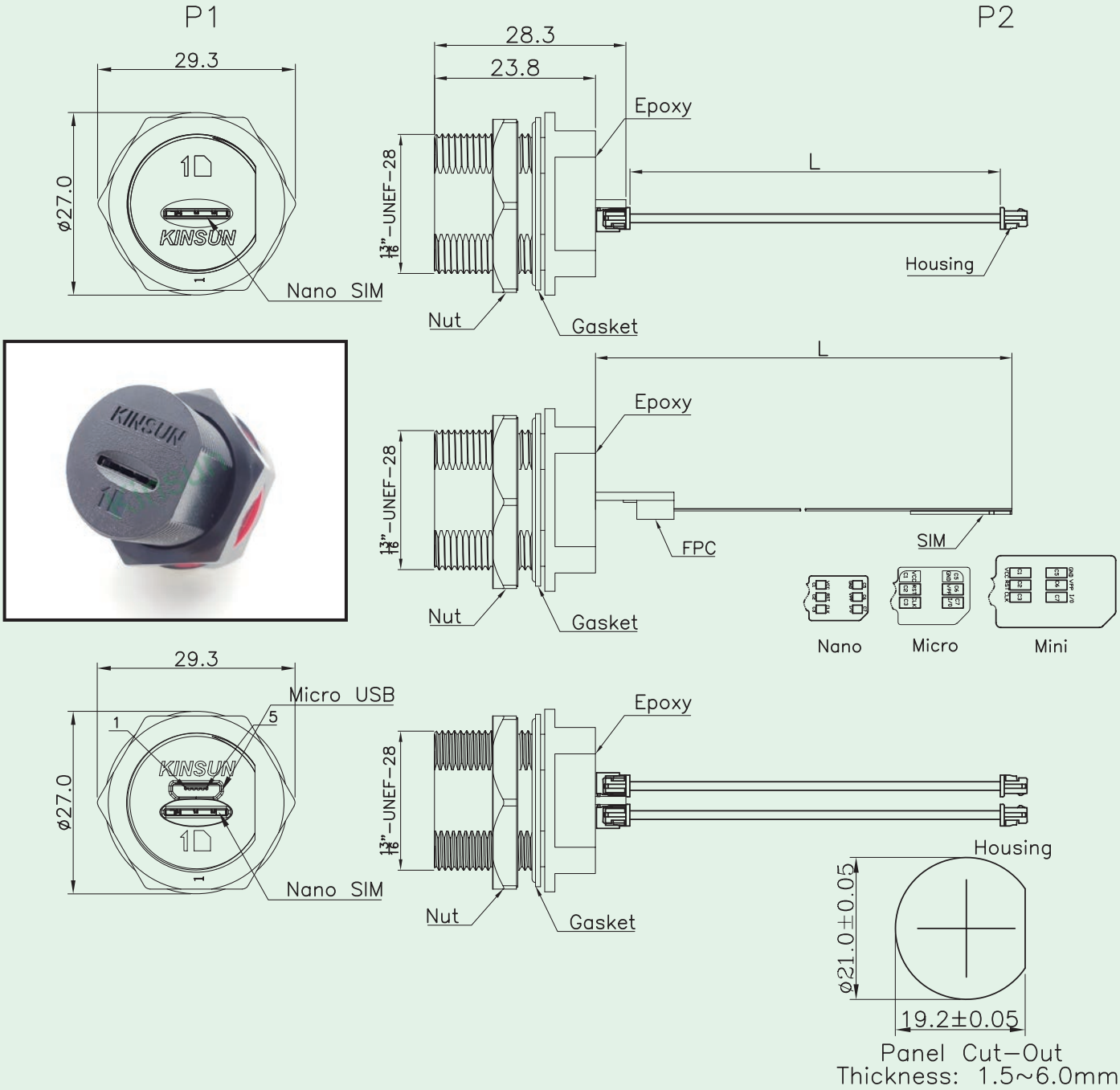
Specification Option

3352Type C-XXX

Cable Length
005=50cm
010=1M
100=10M

Screw-Locking Waterproof NanoSIM+MicroUSB

KINSUN



Specification

RoHs Compliant

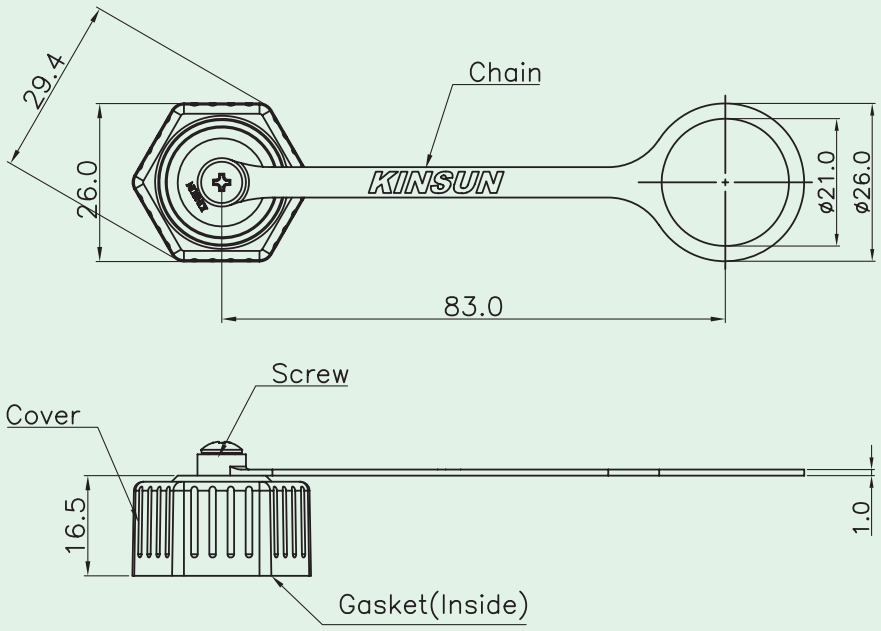
- **Material** : PC(Housing&Nut), PBT(Housing), C5191(Pin), Silicone(Gasket)
- **Nut Torque:** 16~18kgf-cm
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 125V AC/DC
- **Rated Current** : 0.5A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length:** 50mm/100mm/150mm…
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

Specification Option

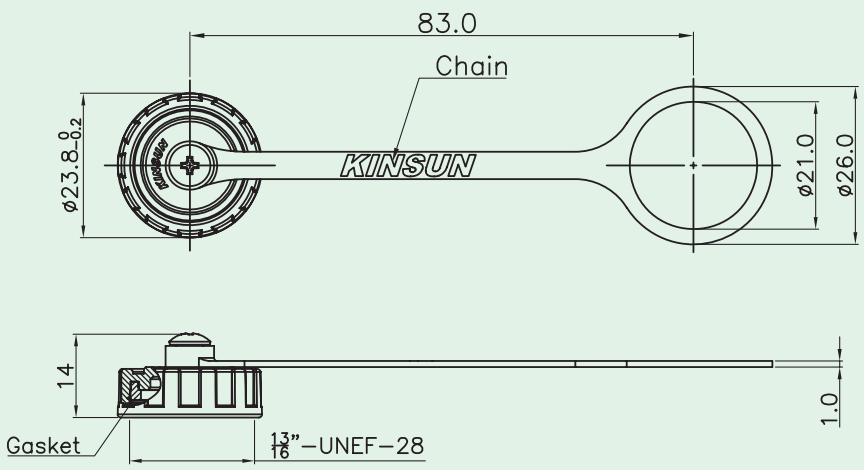
3352 NanoSIM

1.P1: NanoSIM, NanoSIM+MicroUSB
2.P2: Housing, (Nano/Micro/Mini)SIM
3.Wire Length

Regular



Short Thread



Specification

RoHs Compliant

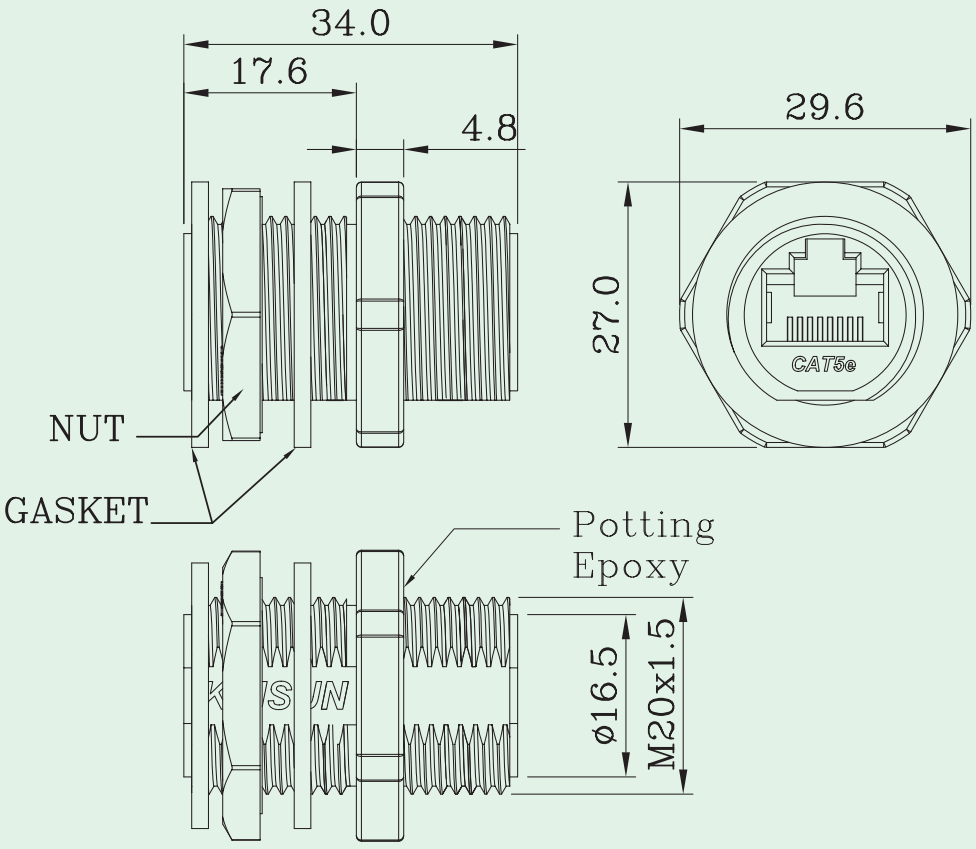
- **Material** : PC(Cover), PA(Chain), SUS(Screw)
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

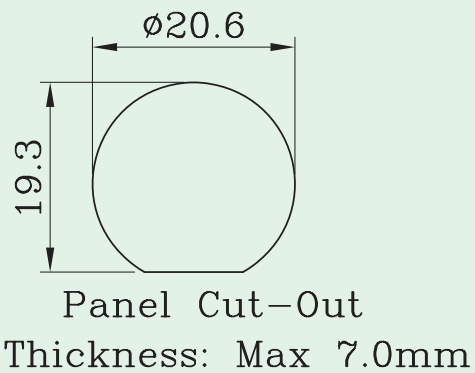
Specification Option

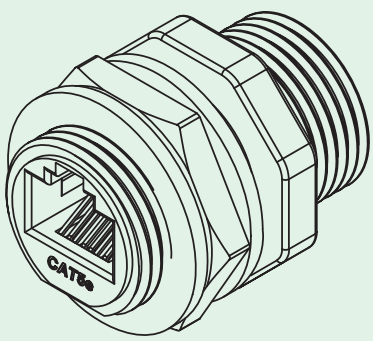
3352A-09(Regular)
3352A-15(Short Thread)

Screw-Locking Waterproof RJ45 Cat5e Coupler M20P1.5

KINSUN







Specification

RoHs Compliant

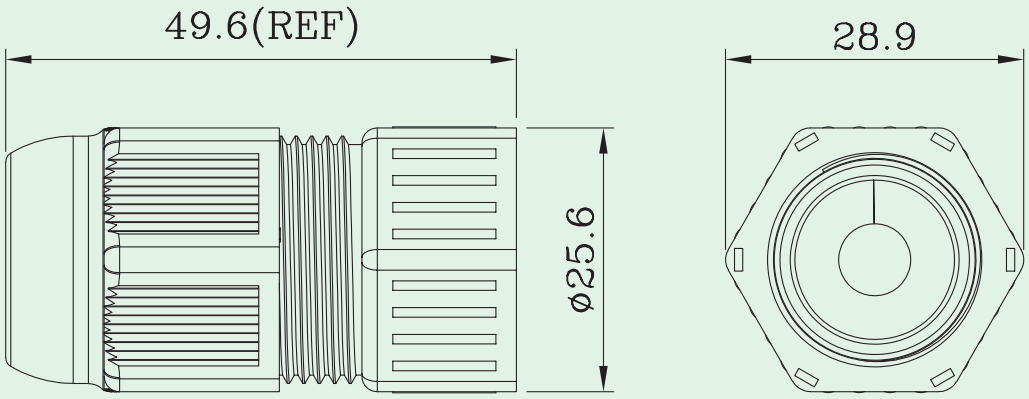
- **Material** : PC(Housing), PBT(RJ45 Housing), C5191(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50V~57V AC rms
- **Rated Current** : 0.5A
- **Operating Temp.** : - 40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

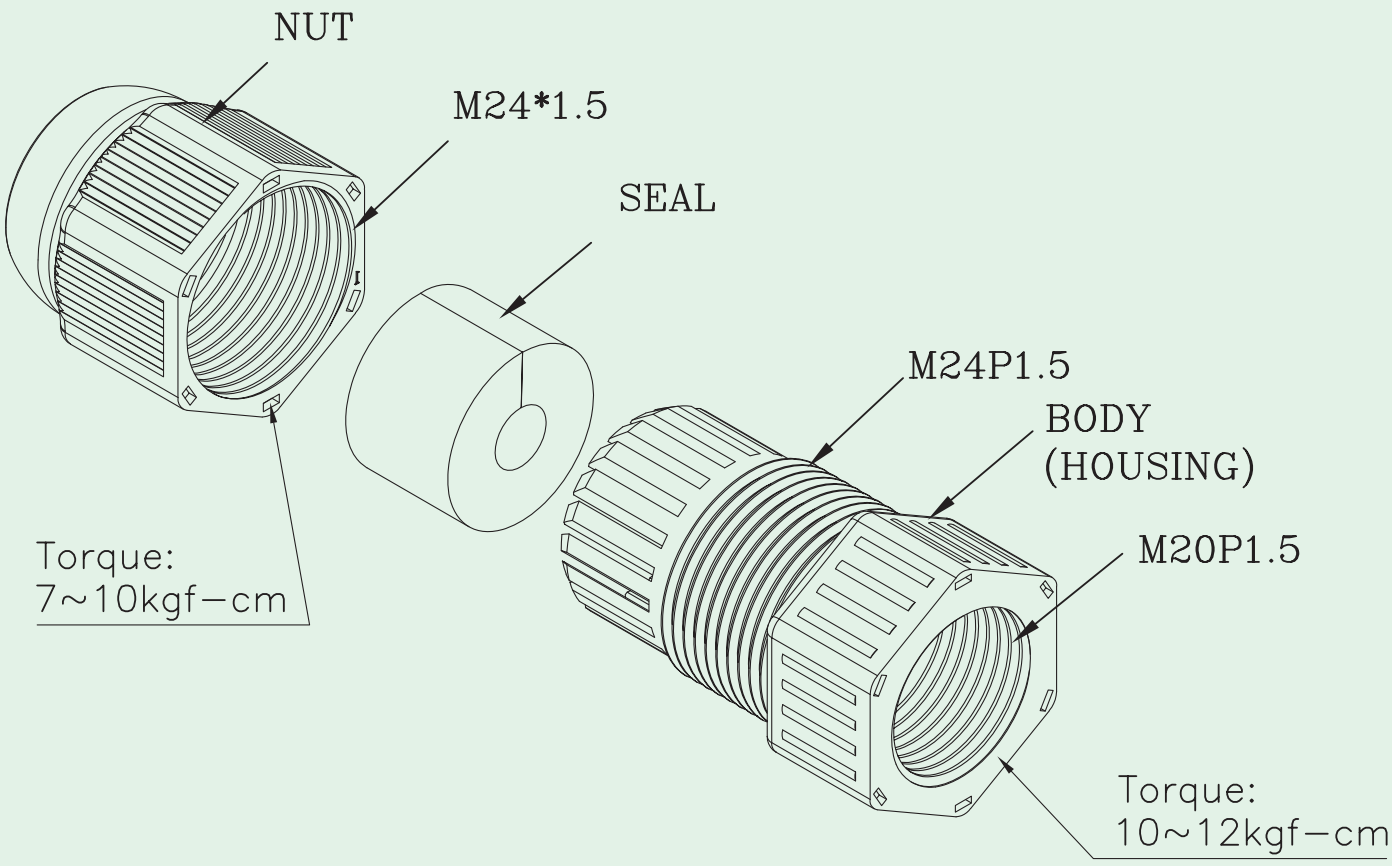
Specification Option

3354C01402

Screw-Locking Waterproof RJ45 Plug Cable Gland M20P1.5

KINSUN





Specification

RoHs Compliant

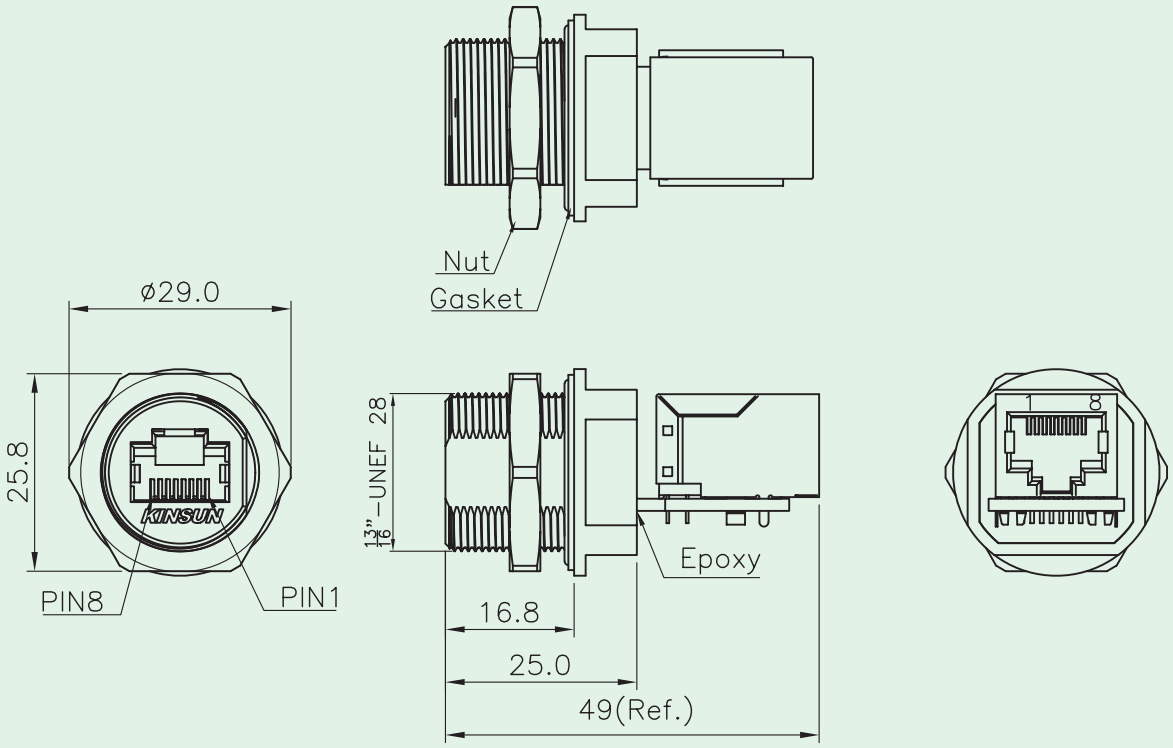
- **Material** : PC(Nut, Body), Silicone(Seal)
- **UL Certificate** : UL94V-0
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Operating Temp.** : -40°C to 85°C

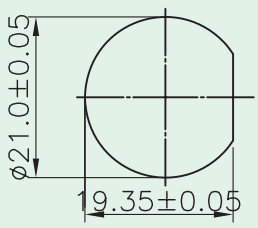
Specification Option

3354L-11

Screw-Locking Metal Waterproof RJ45 Jack Coupler

KINSUN





Panel Cut-Out
Thickness: 1.5~6.0mm

Specification

RoHs Compliant

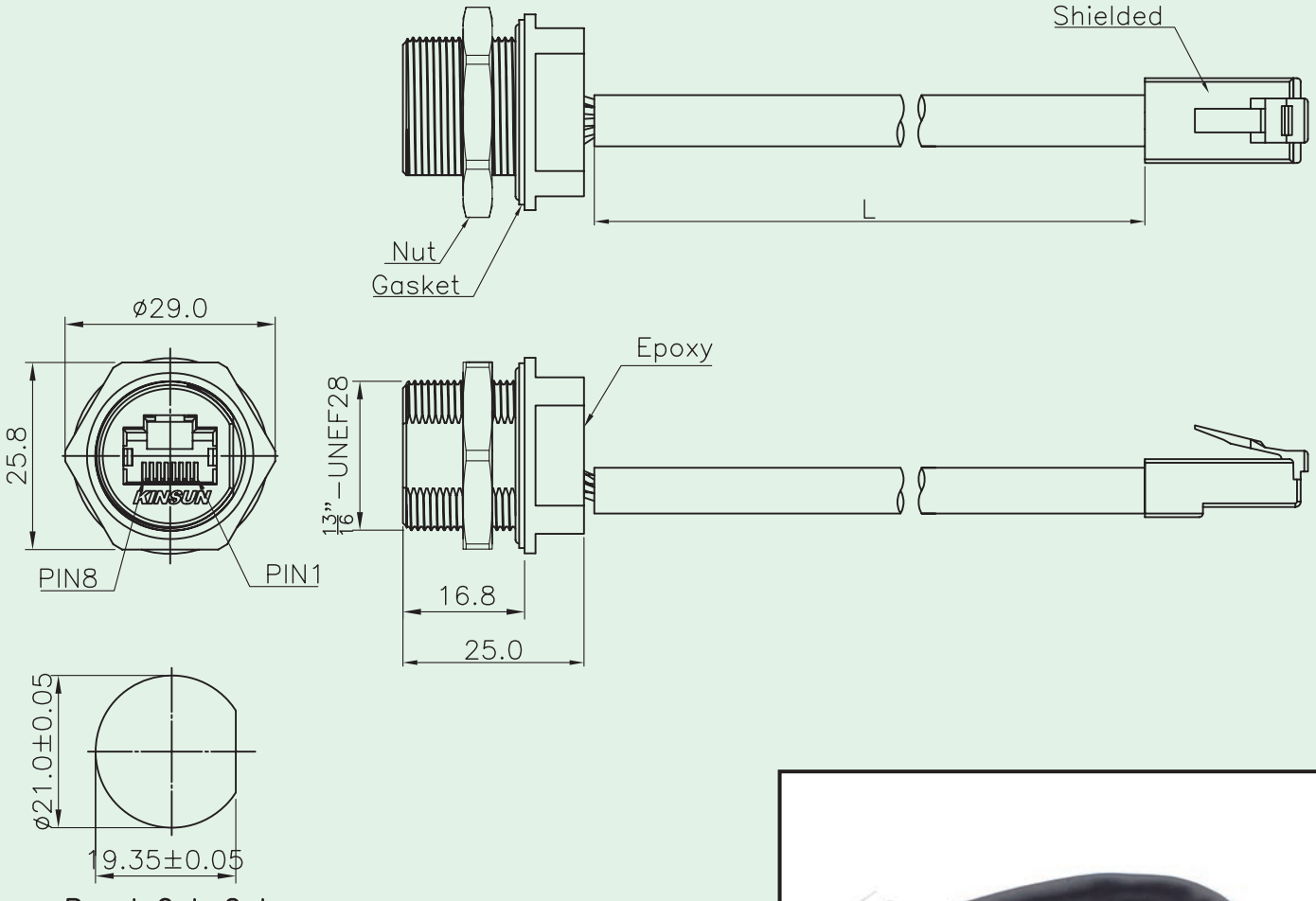
- **Material** : Zinc Alloy(Housing), PBT(RJ Jack), C5210(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50V~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

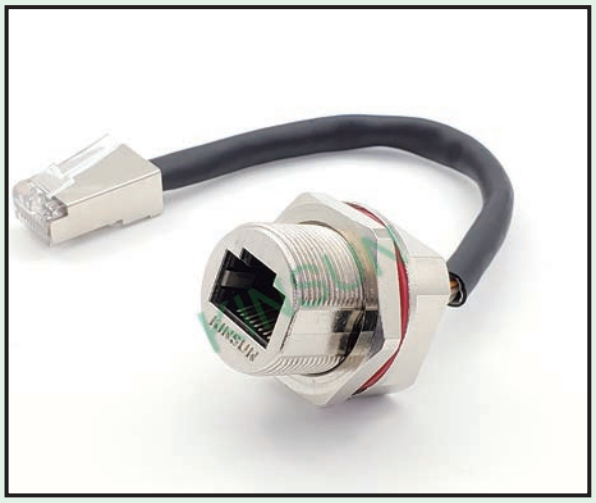
Specification Option

3356J01040

Screw-Locking Metal Waterproof RJ45 Jack With RJ45 Plug Cable

KINSUN





Specification

RoHs Compliant

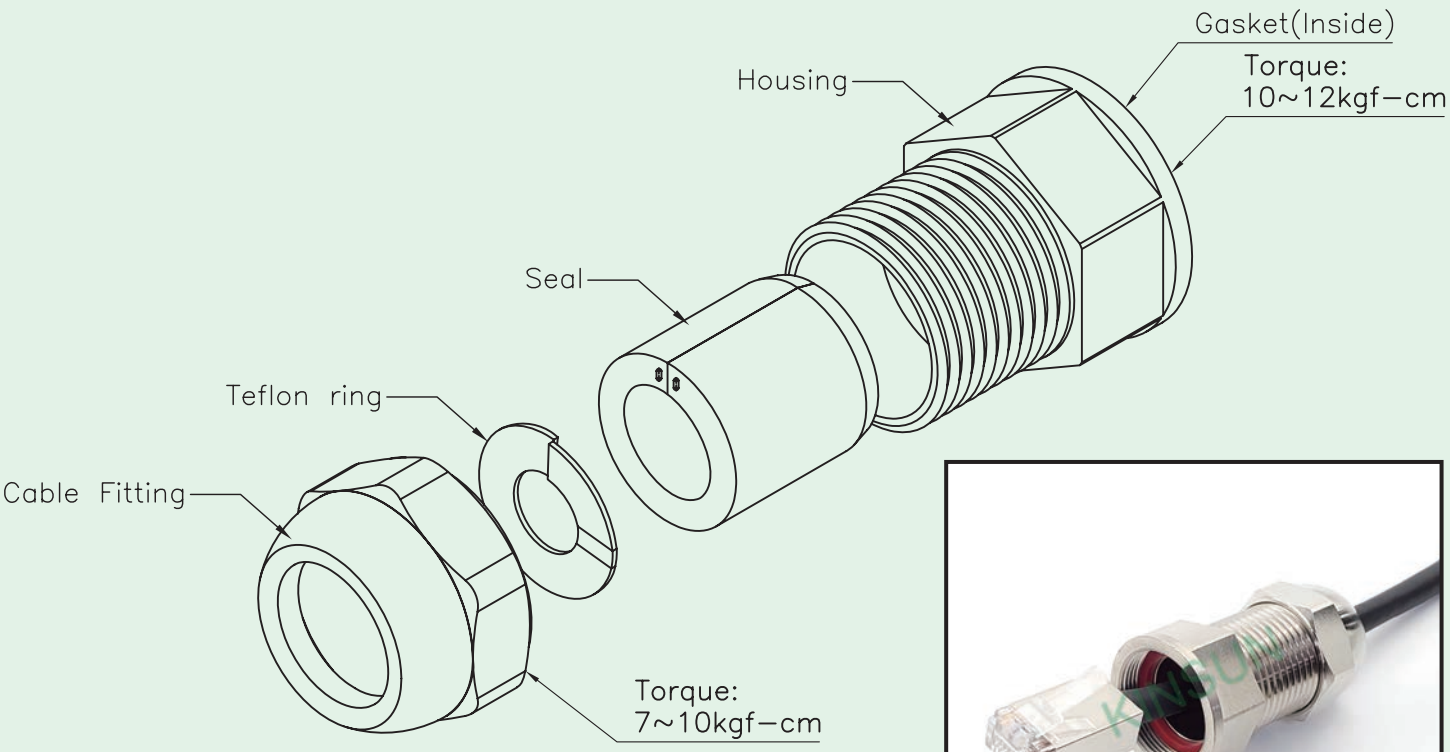
- **Material** : Zinc Alloy(Housing), PBT(RJ Jack), C5210(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50V~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length** : 50mm/100mm/150mm…
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** 16~18kgf-cm

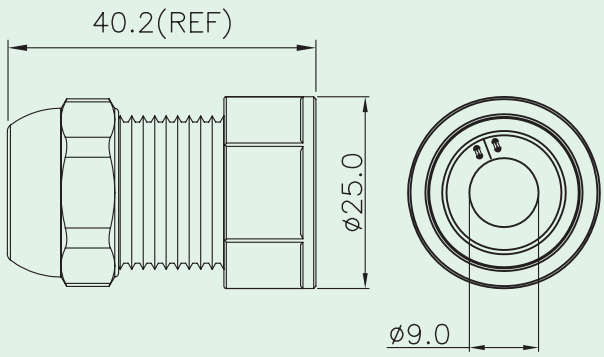
Specification Option

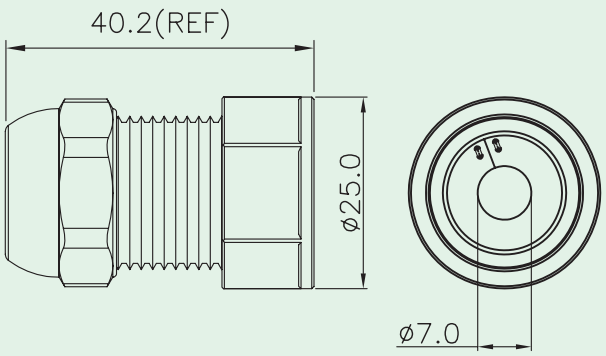
3356D01040

Screw-Locking Metal Waterproof RJ45 Plug Cable Gland

KINSUN







Specification

RoHs Compliant

- **Material** : Brass(Housing & Cable Fit), Silicone(Gasket & Seal)
- **UL Certificate** : UL94V-0
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

Specification Option

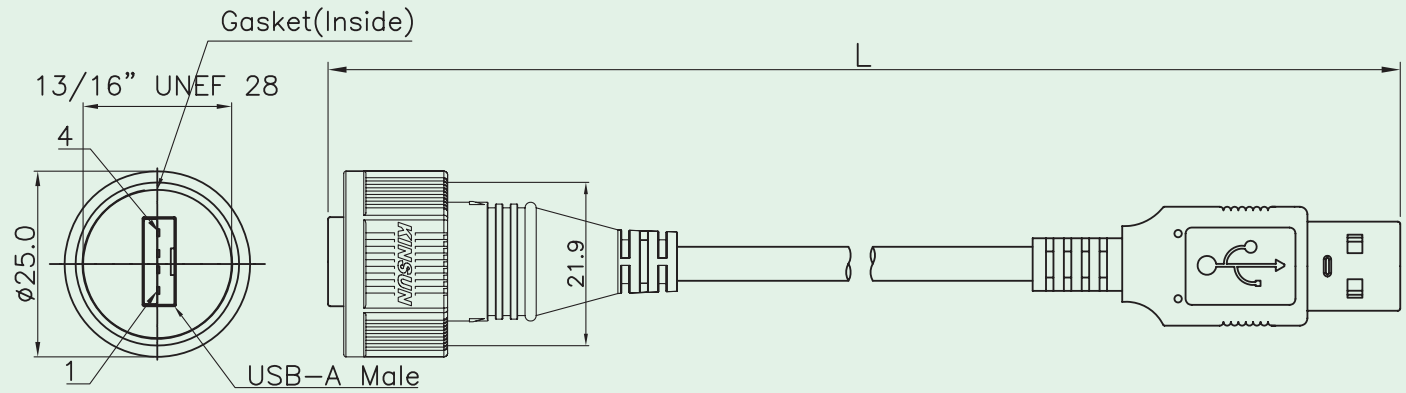
3356L01010(Ø5.5~Ø7)

3356L01020(Ø8~Ø9)

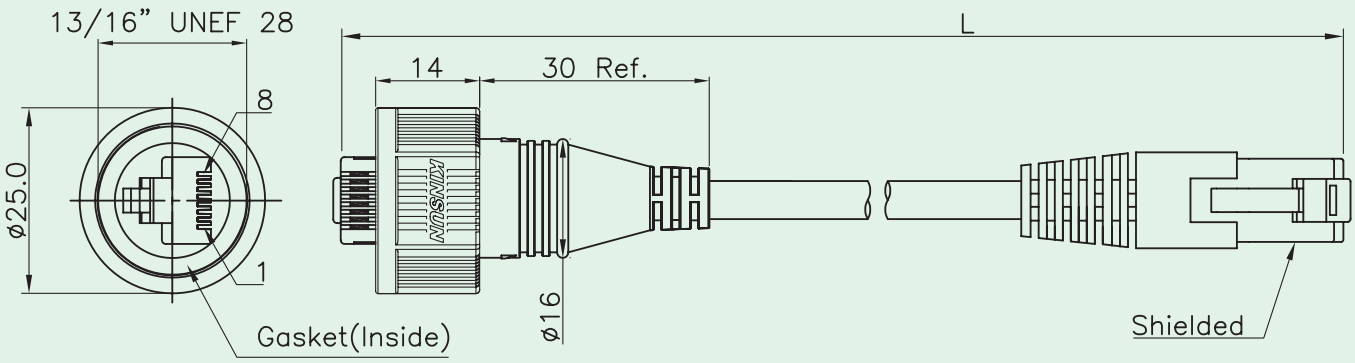
Screw-Locking Metal Waterproof RJ45 & USB Cable (Molding Type)

KINSUN

USB



RJ



Specification

RoHs Compliant

- **Material** : Zinc Alloy(Nut), PBT(Housing), C5191(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50V~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length** : 50mm/100mm/150mm…
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

Specification Option

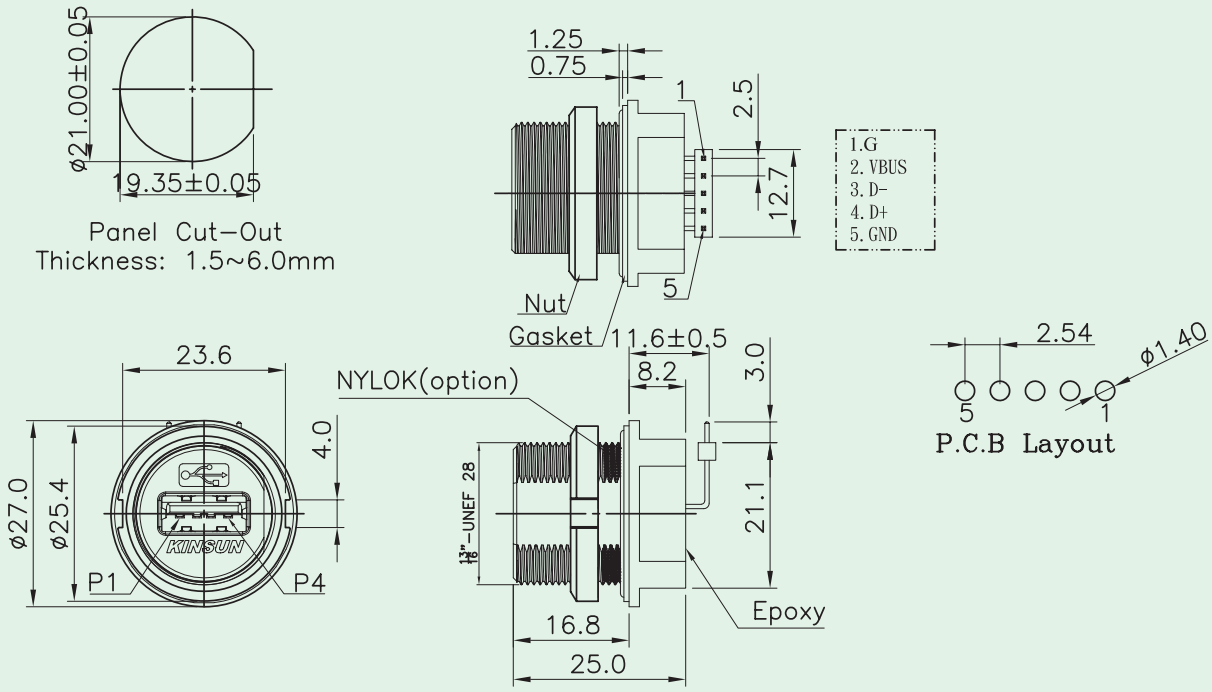
3356I01030(RJ)

3356I02010(USB)

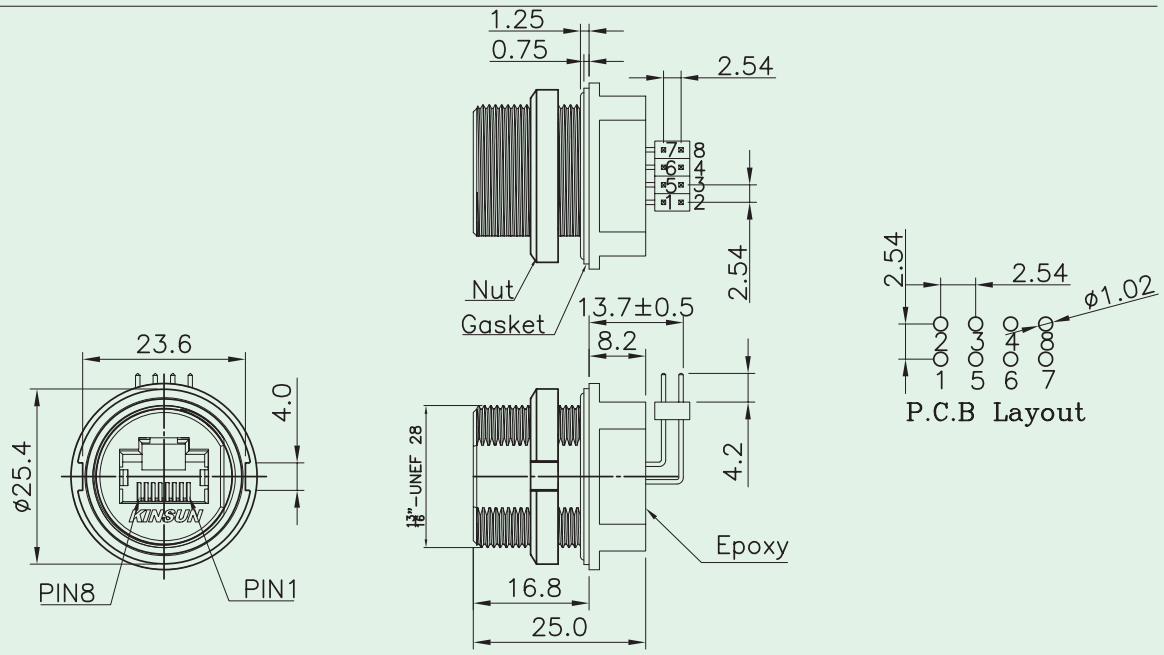
Screw-Locking Metal Waterproof USB/RJ45 With Right-Angled Pin Header

KINSUN

USB



RJ45



Specification

RoHs Compliant

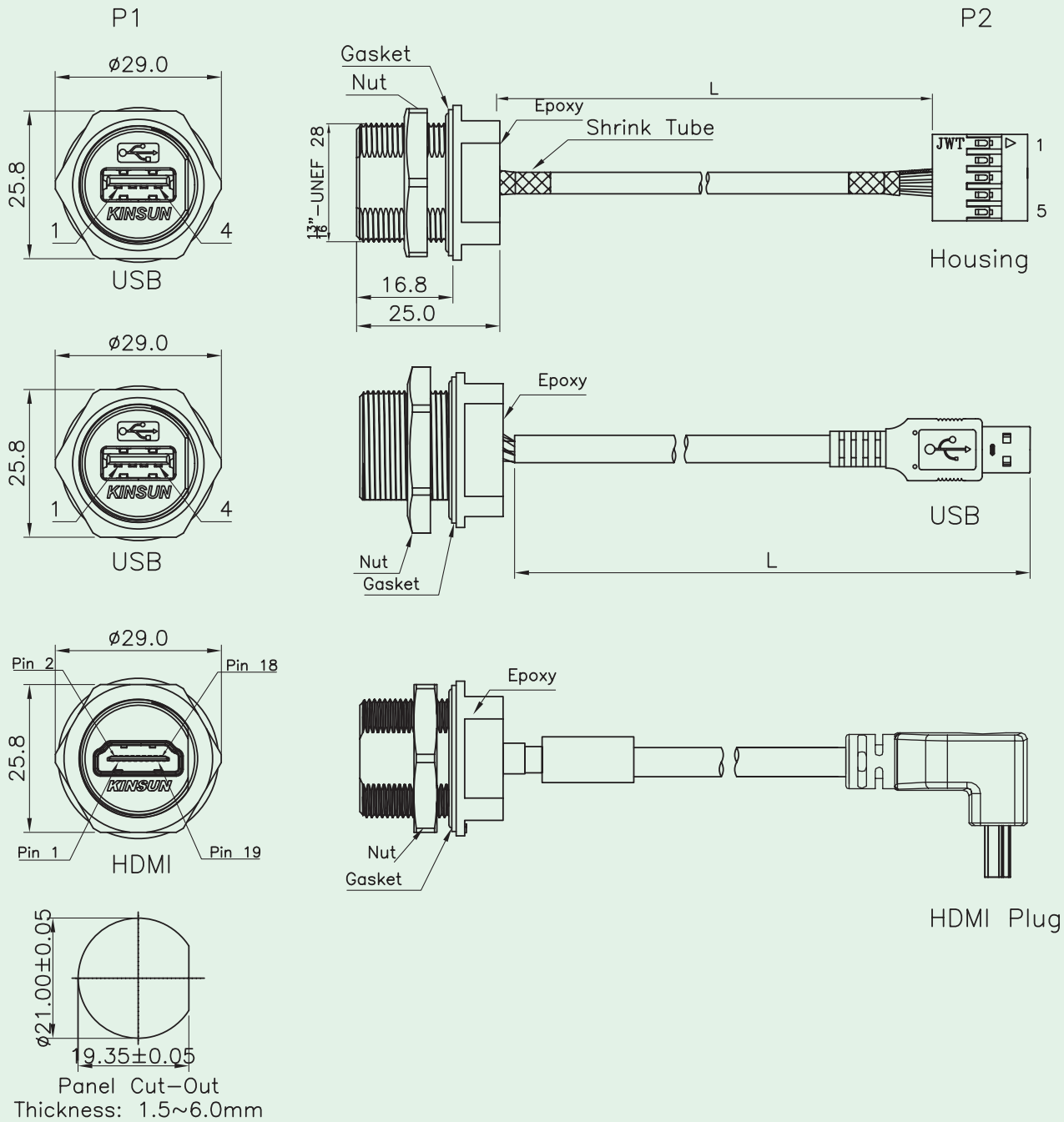
- **Material** : Zinc Alloy(Housing), PBT(RJ Jack), Brass(Nut), C5210(Pin)
- **Nut Torque:** 16~18kgf-cm
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50V~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529

Specification Option

3356P11011(USB NYLOK), 3356P07011(USB), 3356P05041(RJ45)

Screw-Locking Metal Waterproof USB/HDMI

KINSUN



Specification

RoHs Compliant

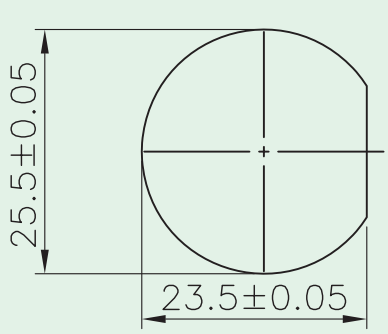
- **Material** : Zinc Alloy(Housing), PBT(RJ Jack), C5191(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 30V AC rms
- **Rated Current** : 1.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Predefined Cable Length** : 50mm/100mm/150mm…
- **Nut Torque:** 16~18kgf-cm

Specification Option

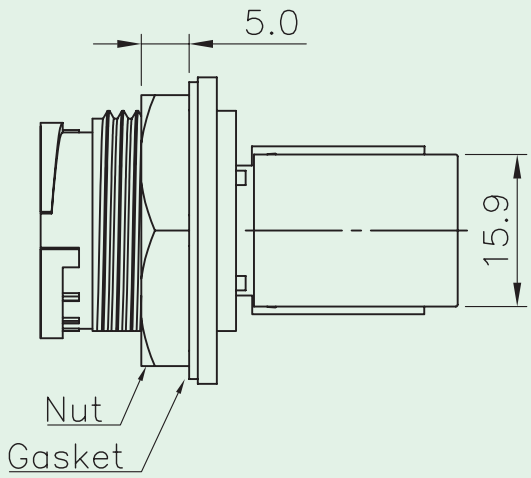
3356U

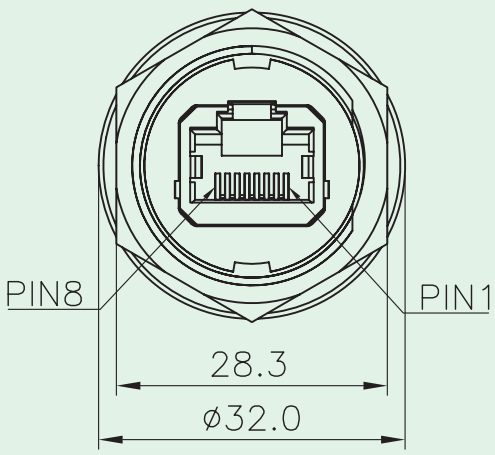
Quick-Locking Waterproof RJ45 Jack Coupler

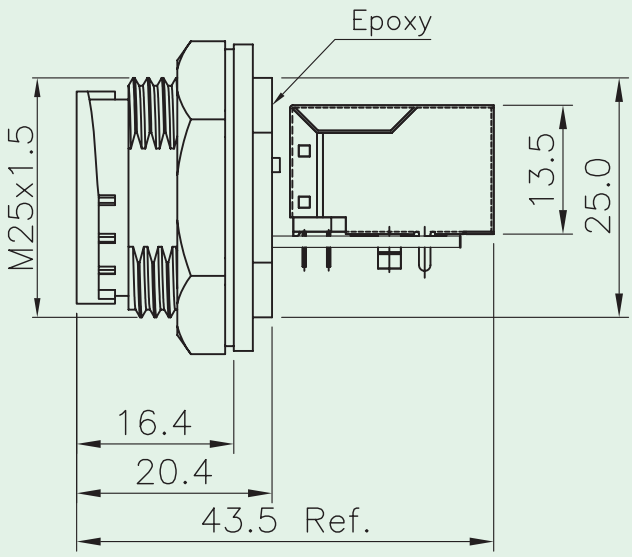
KINSUN



Panel Cut-out
Thickness: 1.5~4.5mm







Specification

RoHs Compliant

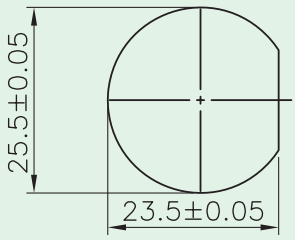
- **Material** : PA (RJ Housing), PBT(Nut), C5210(Pin), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** 16~18kgf-cm

Specification Option

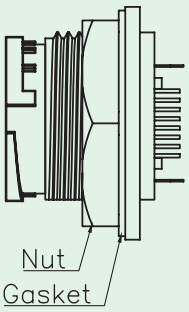
3351J02030

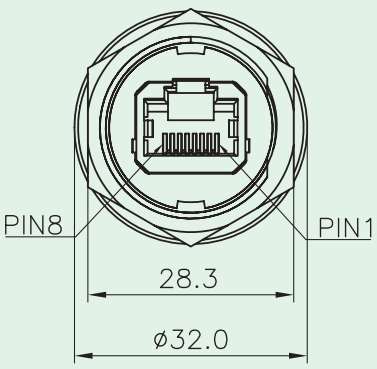
Quick-Locking Waterproof Cat5e RJ45 Jack DIP Type/Wafer

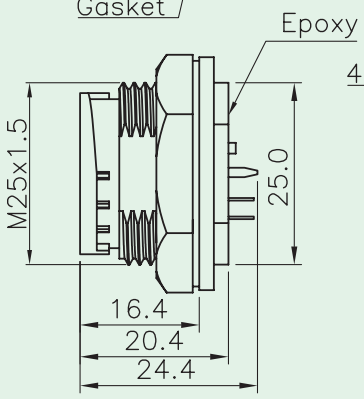
KINSUN

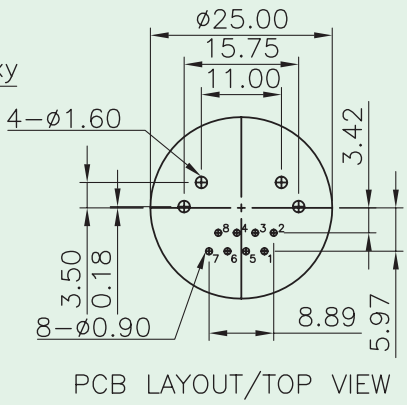


Panel Cut-out
Thickness: 1.5~4.5mm

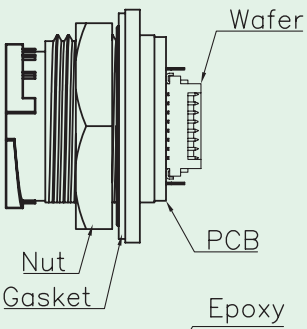


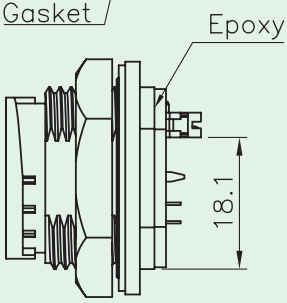


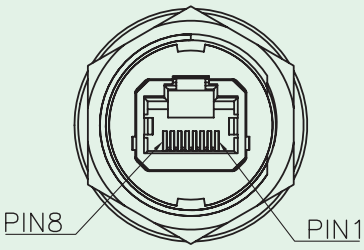




PCB LAYOUT/TOP VIEW







Specification

RoHs Compliant

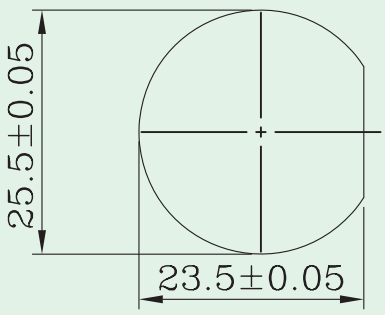
- **Material** : PA (RJ Housing), PBT(Nut), C5210(Pin), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** 16~18kgf-cm

Specification Option

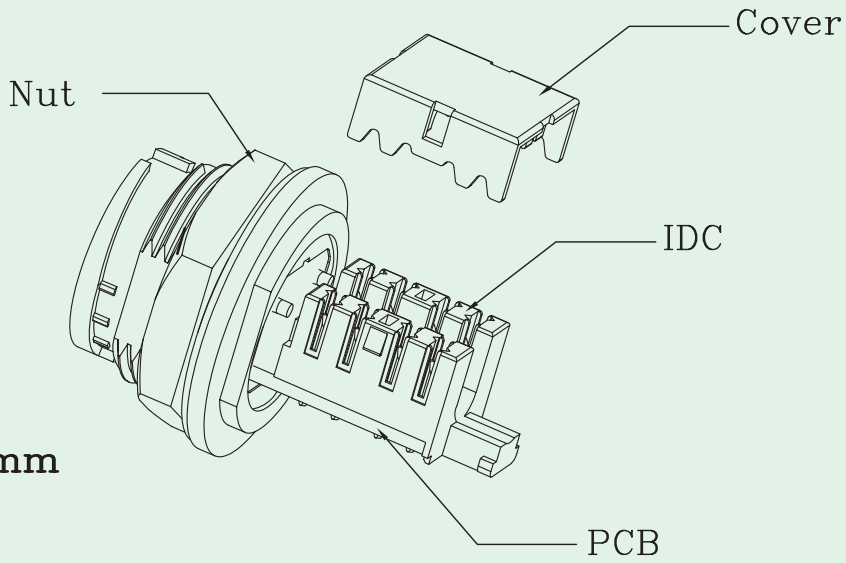
3351D02030(DIP)
3351D02130(Wafer)

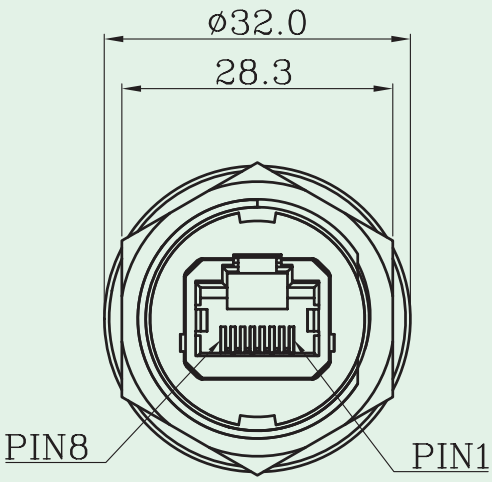
Quick-Locking Waterproof Cat6 RJ45 Jack With IDC

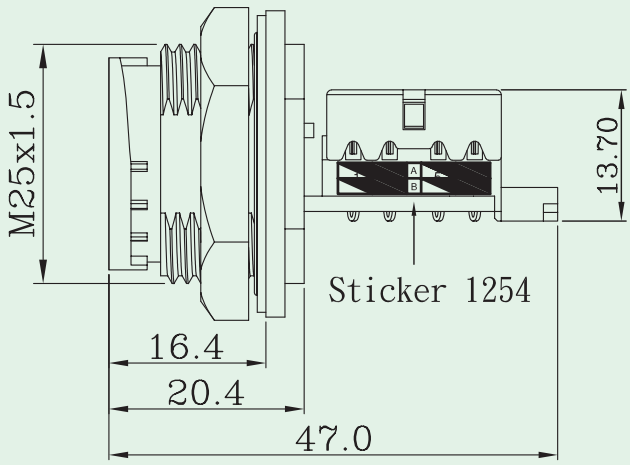
KINSUN



Panel Cut-out
Panel Thickness: 1.5~4.5mm







Specification

RoHs Compliant

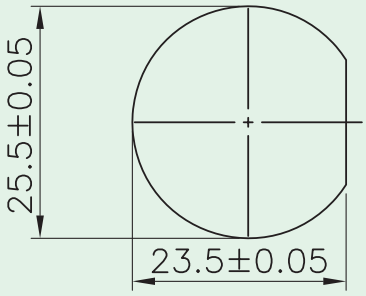
- **Material** : PC & PBT(Plastic), C5210(Pin)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** 16~18kgf-cm

Specification Option

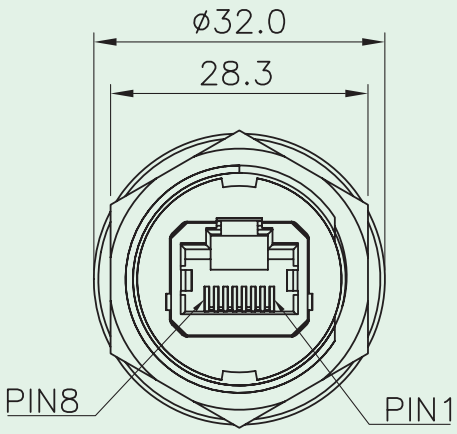
3351F02030

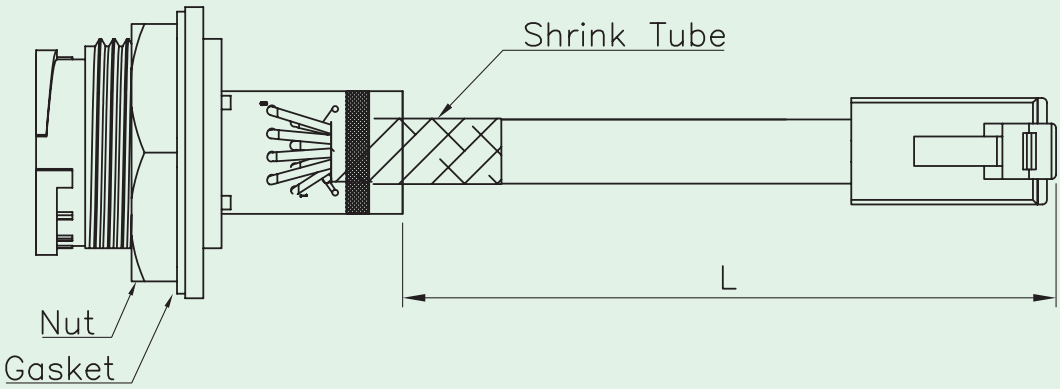
Quick-Locking Waterproof RJ45 Jack With RJ45 Plug Cable

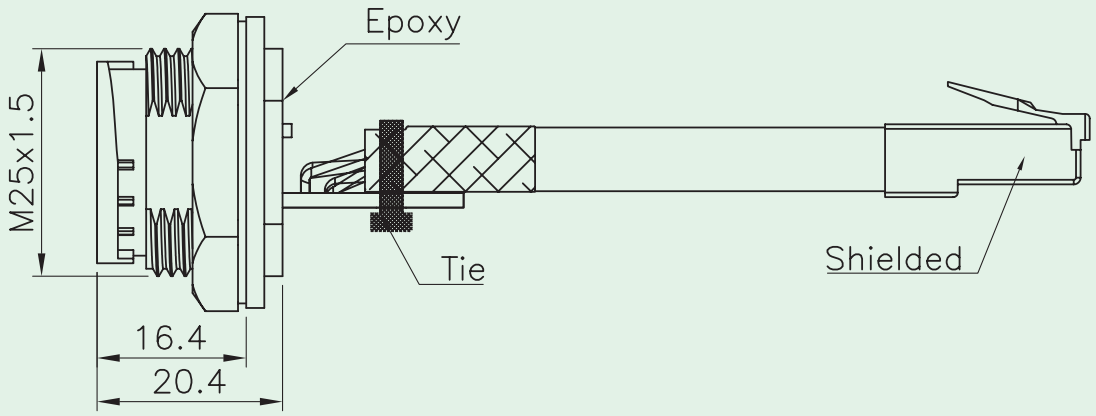
KINSUN



Panel Cut-out
Thickness: 1.5~4.5mm







Specification

RoHs Compliant

- **Material** : PA (RJ Housing), PBT(Nut), C5210(Pin), Silicone(Gasket)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Predefined Cable Length** : 50mm/100mm/150mm…
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque:** 16~18kgf-cm

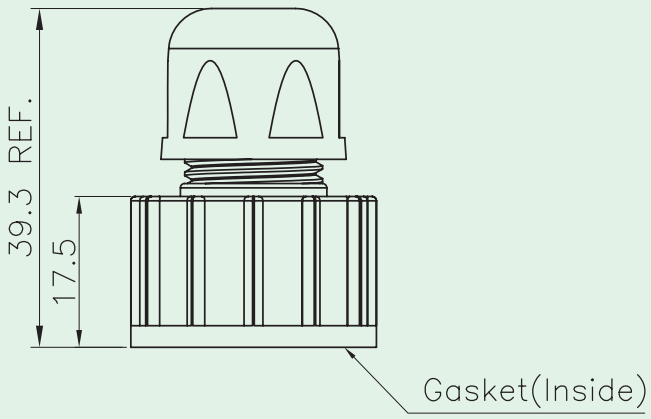
Specification Option

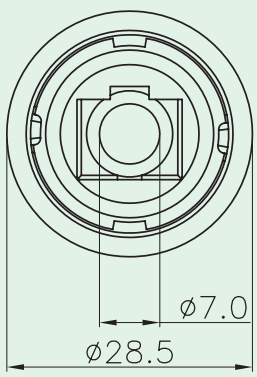
3351H02030

Quick-Locking Waterproof RJ45 Plug Cable Gland & Cap

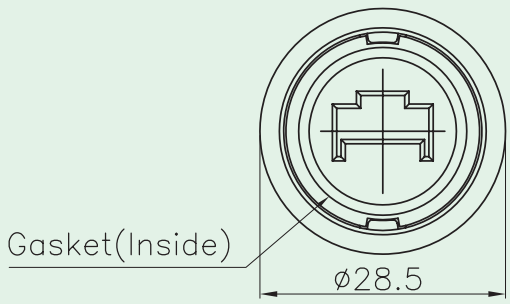
KINSUN

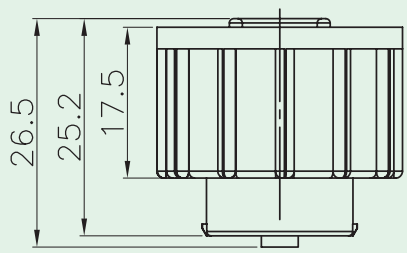
Cable Gland

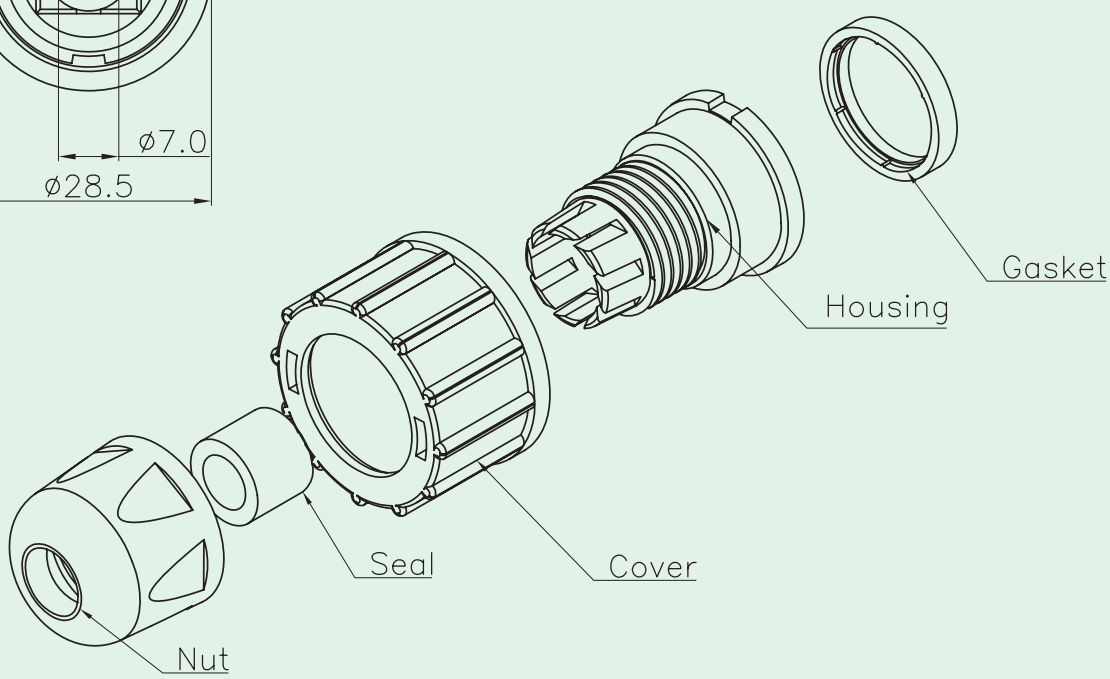




Cap







Specification

RoHs Compliant

- **Material** : PC(Cover), PBT(Nut), NY66(Housing), Silicone(Gasket & Seal)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Applicable Ethernet Cabel Diameter Range:** ø5.5~ø7.0

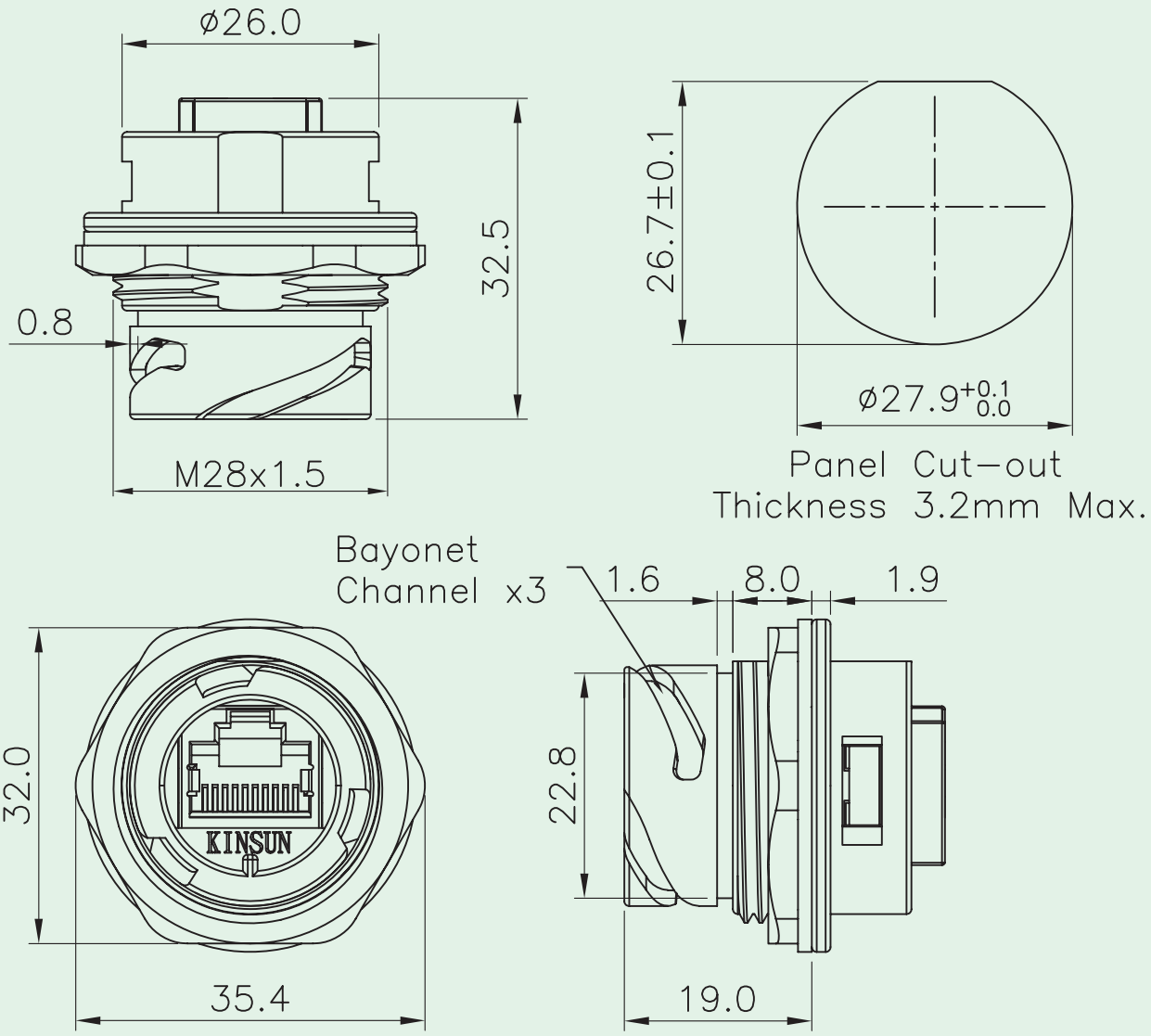
Specification Option

3351L-02 (Cable Gland)

3351A-02 (Cap)

Quick-Locking Metal Waterproof Cat5e/Cat6a RJ45 Coupler

KINSUN



Specification

RoHs Compliant

- **Material** : Zinc & Copper Alloy(Housing, Nut)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

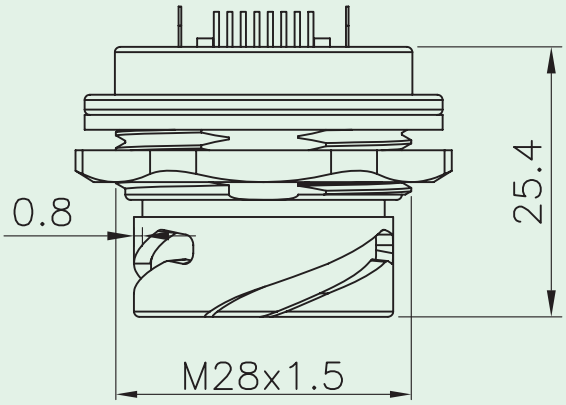
Specification Option

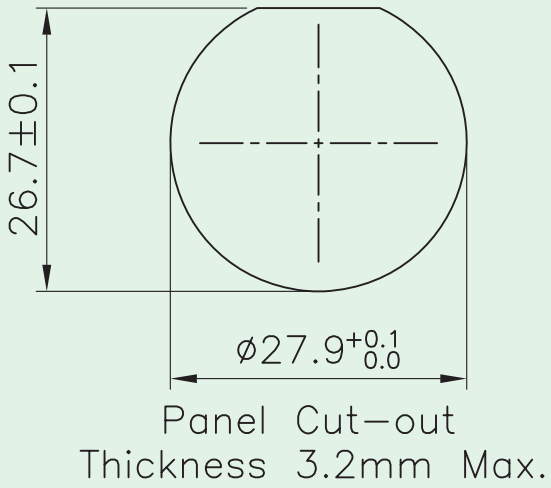
3353D00140(CAT 6A)

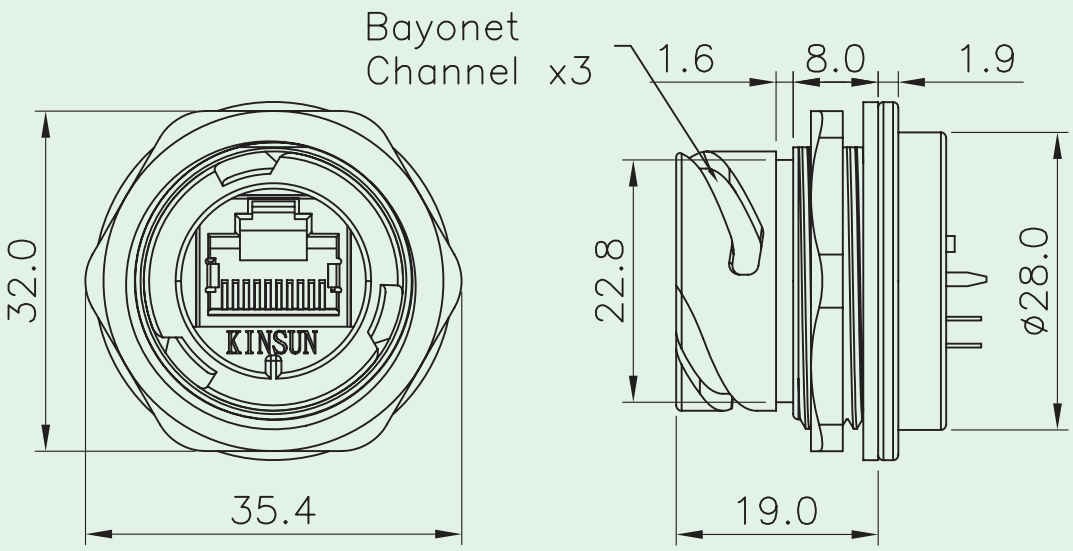
3353D00040(CAT 5E)

Quick-Locking Metal Waterproof RJ45 Jack DIP Type

KINSUN







Specification

RoHs Compliant

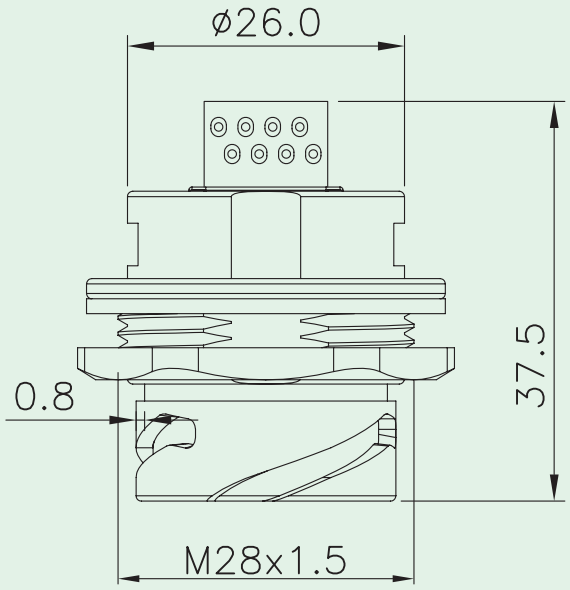
- **Material** : Zinc & Copper Alloy(Housing, Nut)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

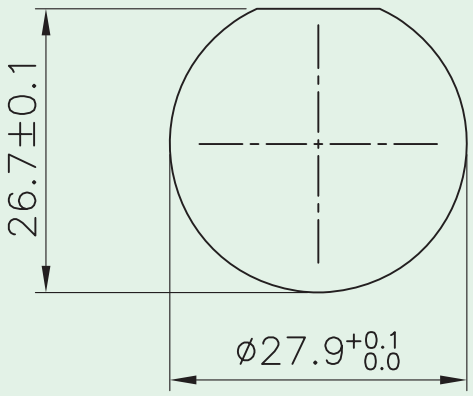
Specification Option

3353E00140

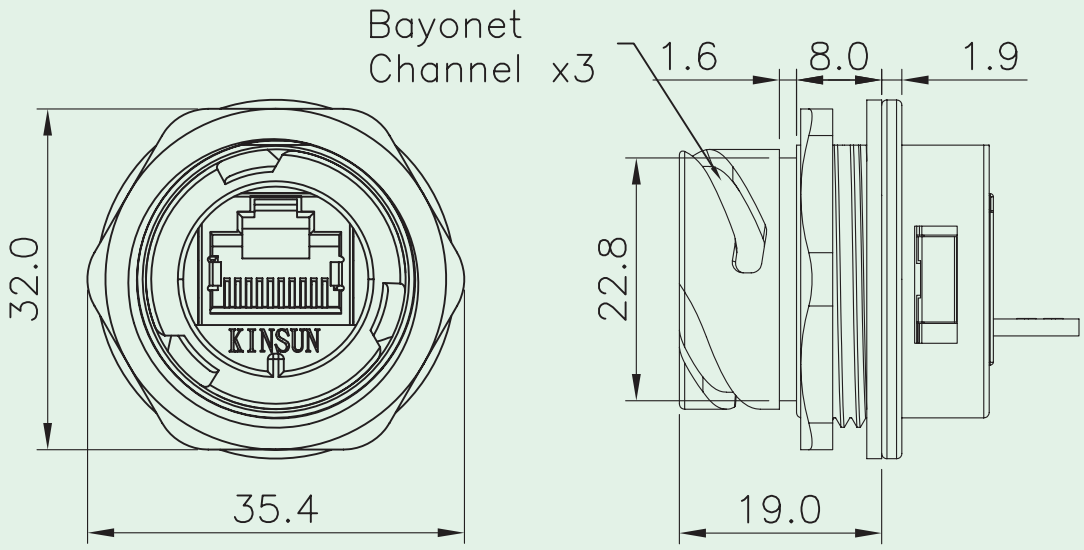
Quick-Locking Metal Waterproof RJ45 Jack with PCB

KINSUN





Panel Cut-out
Thickness 3.2mm Max.



Specification

RoHs Compliant

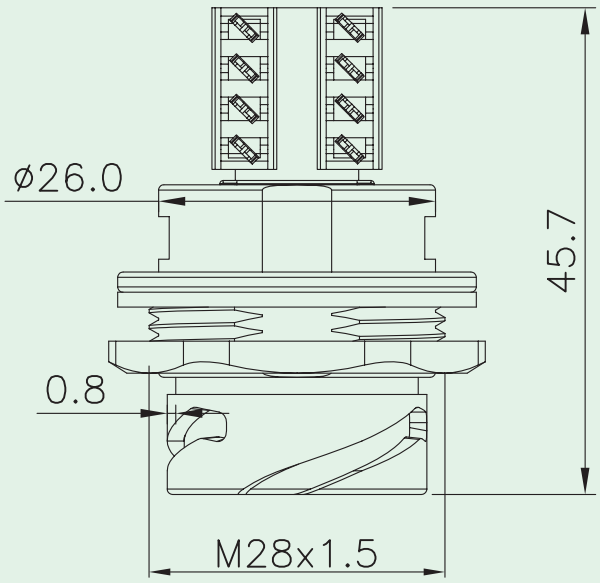
- **Material** : Zinc & Copper Alloy(Housing, Nut)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

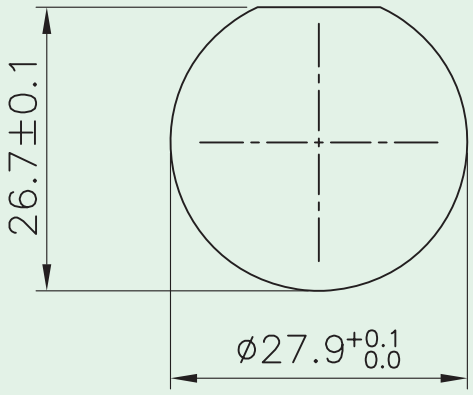
Specification Option

3353F00040

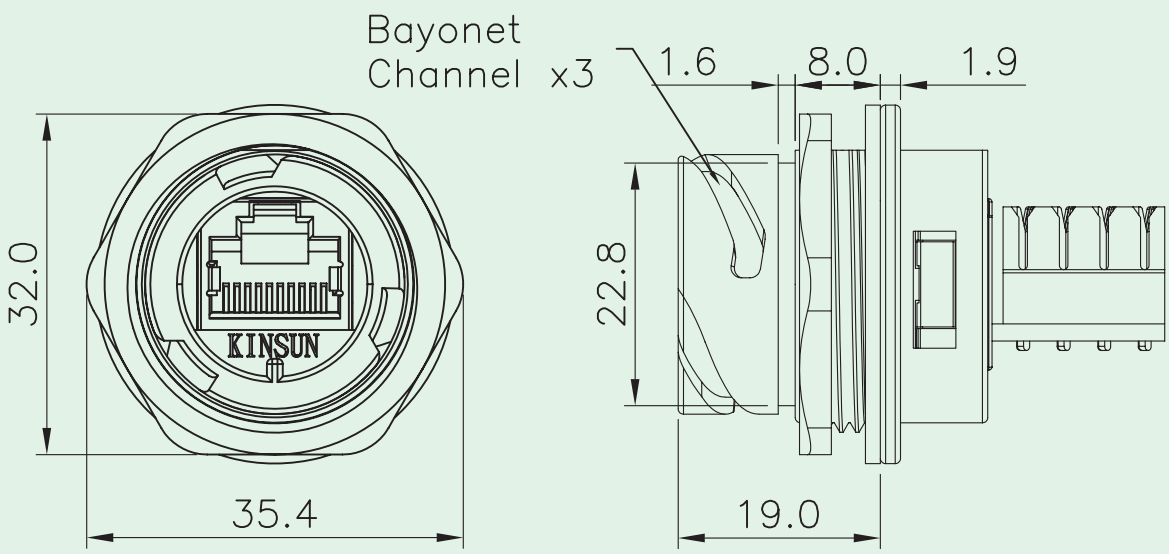
Quick-Locking Metal Waterproof Cat5e RJ45 Jack with IDC

KINSUN





Panel Cut-out
Thickness 3.2mm Max.



Specification

RoHs Compliant

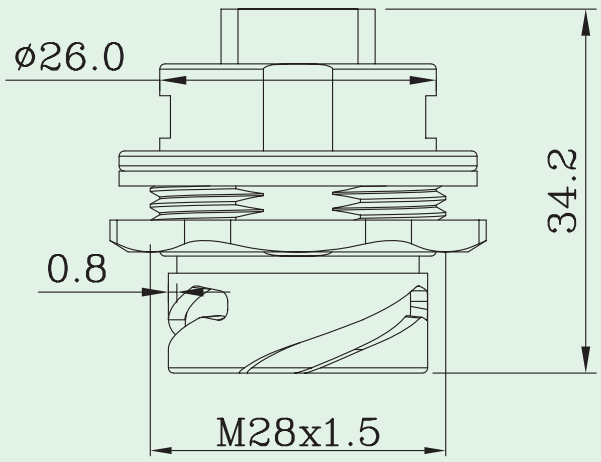
- **Material** : Zinc & Copper Alloy(Housing, Nut)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 50~57V AC rms
- **Rated Current** : 0.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

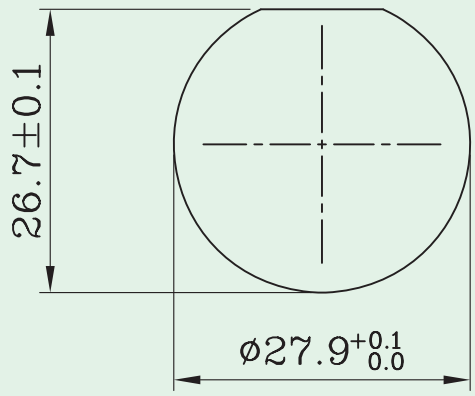
Specification Option

3353H00040

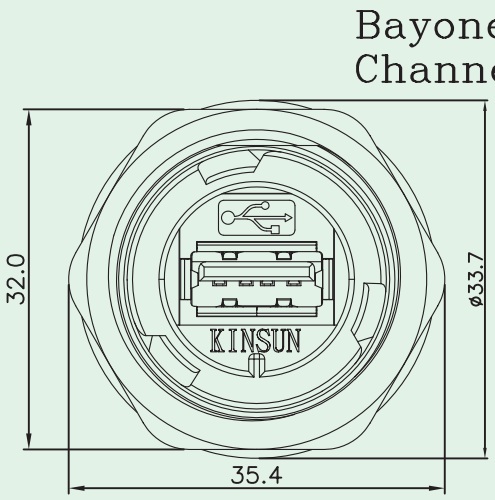
Quick-Locking Metal Waterproof USB A-type Coupler

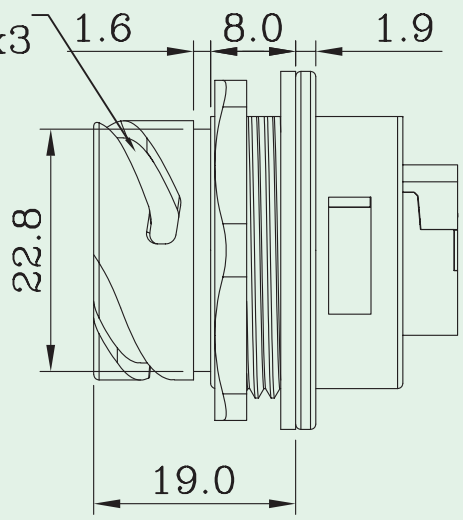
KINSUN





Panel Cut-out
Thickness 3.2mm Max.





Specification

RoHs Compliant

- **Material** : Zinc & Copper Alloy(Housing, Nut)
- **UL Certificate** : UL94V-0
- **Rated Voltage** : 30V AC rms
- **Rated Current** : 1.5 A
- **Operating Temp.** : -40°C to 85°C
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Nut Torque** : 16~18kgf-cm

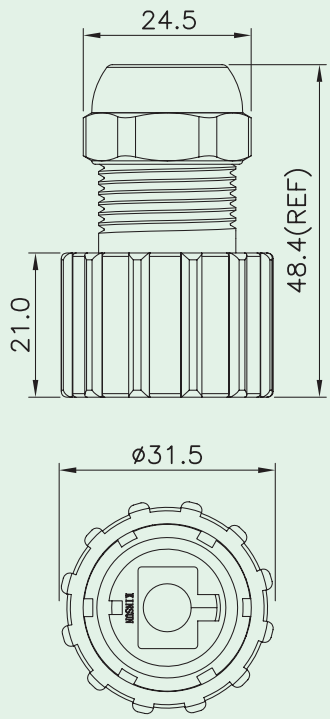
Specification Option

3353K00030

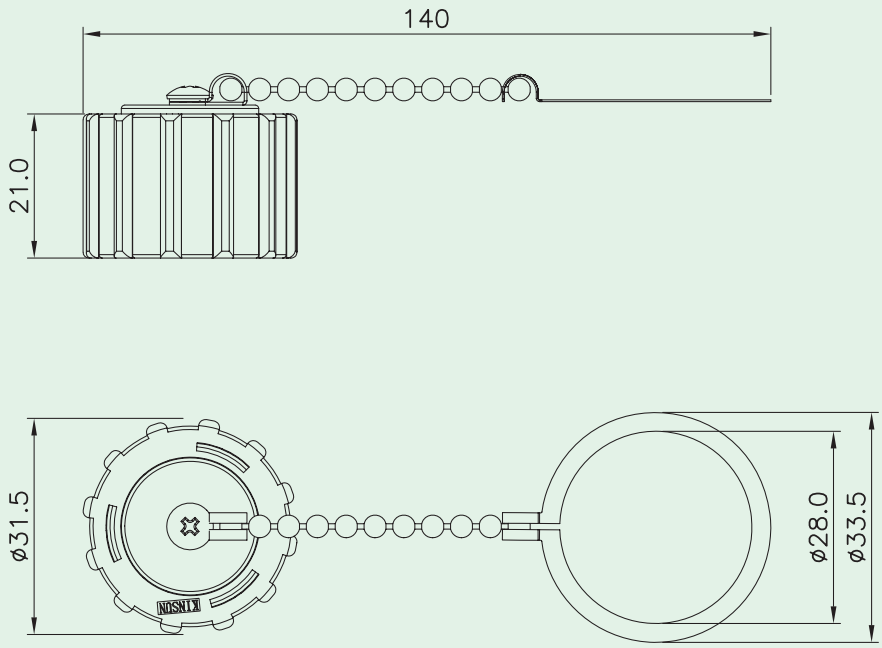
Quick-Locking Metal Waterproof RJ45 Plug Cable Gland & Cap

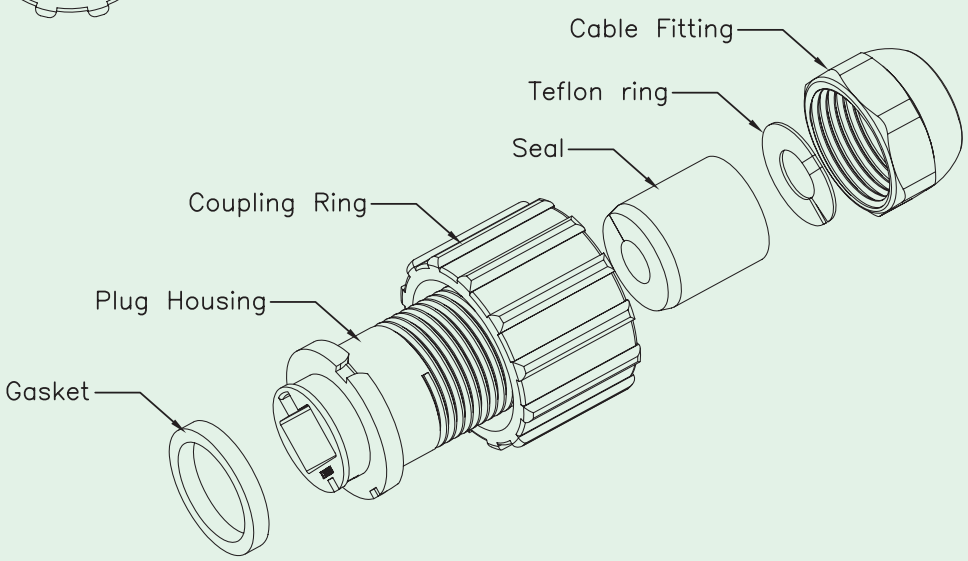
KINSUN

Cable Gland



Cap





Specification

RoHs Compliant

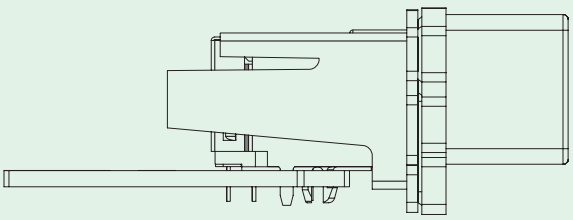
- **Material** : Zinc Alloy(Housing,Coupling & Cap),Brass(Cable Fit),Stainless(Chain),Silicone(Gasket & Seal)
- **UL Certificate** : UL94V-0
- **Protection Rating** : IP68 In Mated Condition Per IEC 60529
- **Applicable Ethernet Cabel Diameter Range:** ø5.5~ ø.7.0
- **Operating Temp.** : -40°C to 85°C

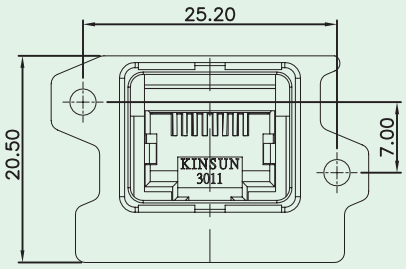
Specification Option

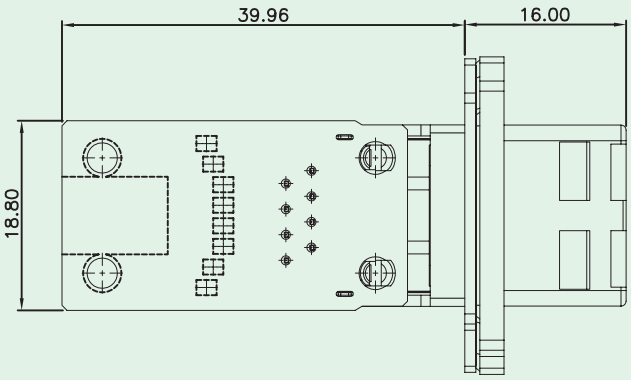
3353L01000(Cable Gland)
3353A-02(Cap)

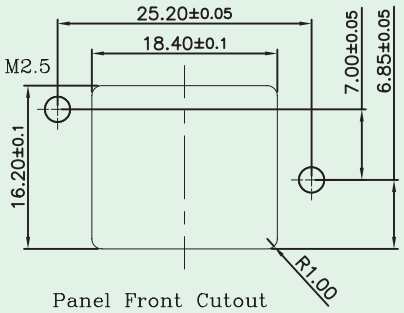
Push-Pull CAT6 RJ45 Jack Box Side (IP68)

KINSUN

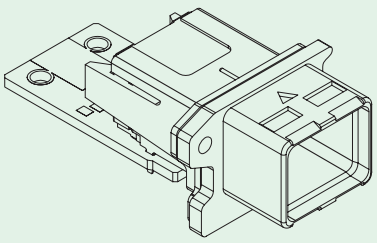




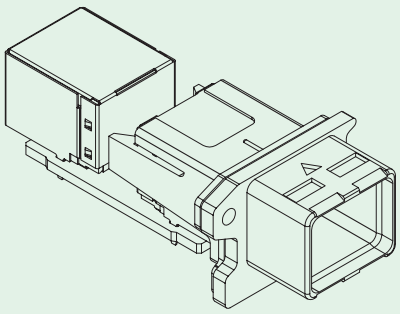




Panel Front Cutout



Single RJ45 Jack TYPE



Coupler RJ45 Jack TYPE

Specification

RoHs Compliant

- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact. Tin Plating Over Nickel In Solder Area.
- **Gasket** : Silicone

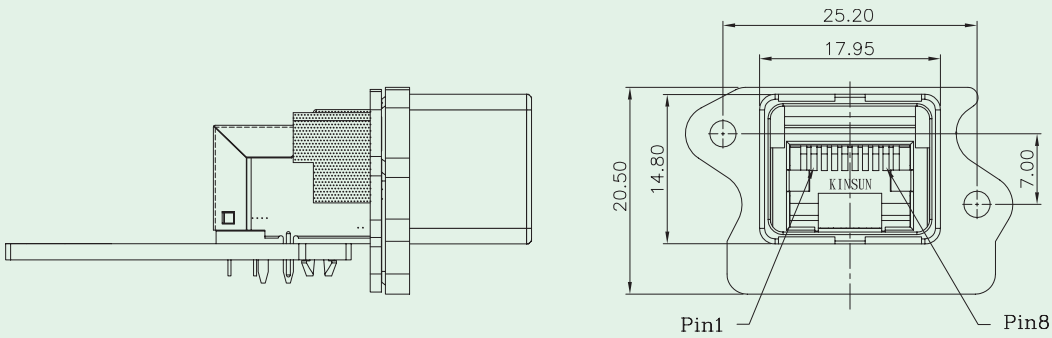
Specification Option

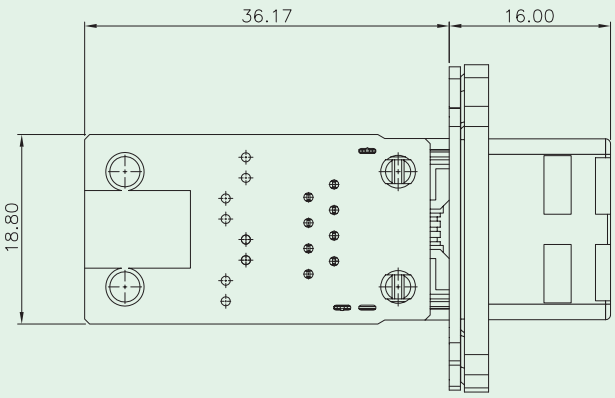
3358 C □

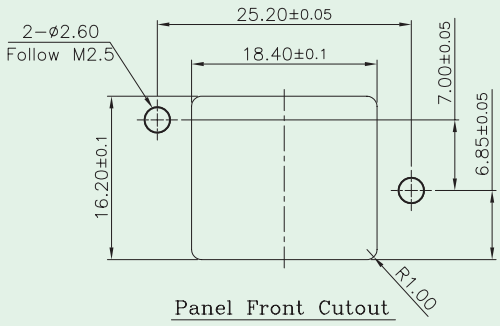
0 = Single Type
1 = Coupler Type

Push-Pull Panel Holder For RJ45 Jack (IP68)

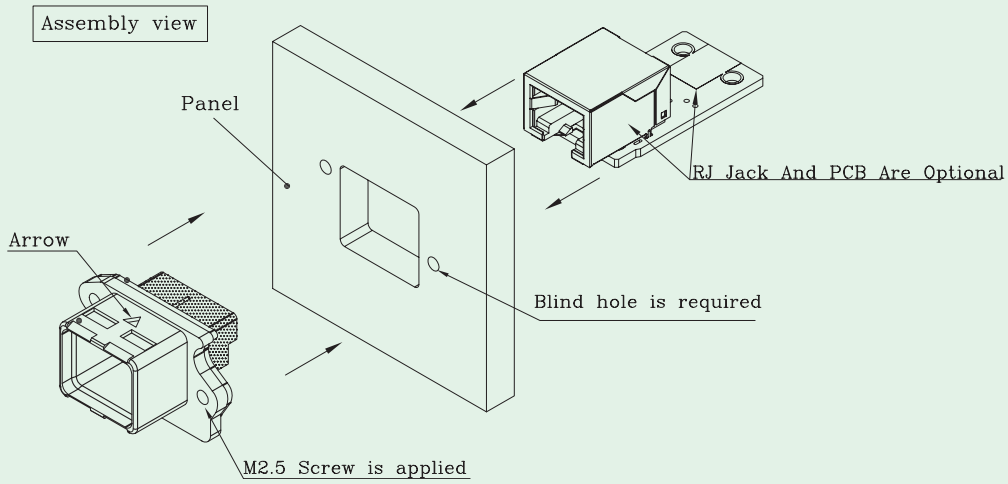
KINSUN







Assembly view



Specification

RoHs Compliant

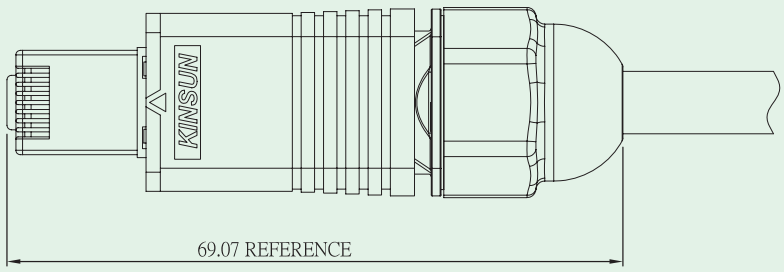
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact. Tin Plating Over Nickel In Solder Area.
- **Gasket** : Silicone

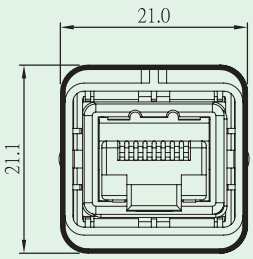
Specification Option

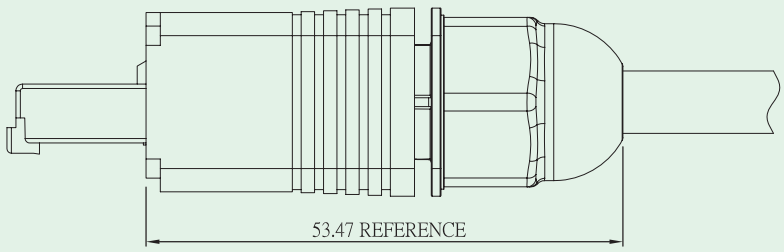
3358 F

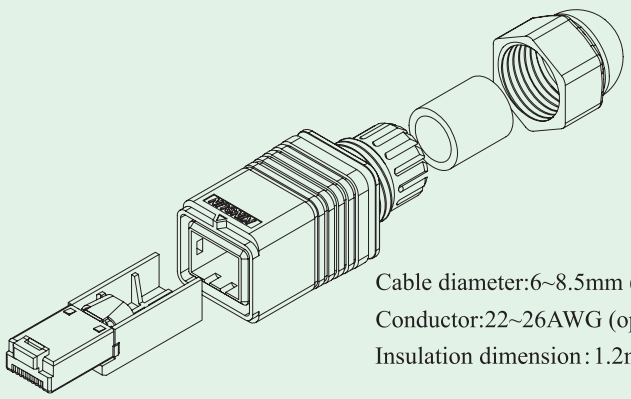
Push-Pull RJ45 CAT6 Cable Side (IP68 / Without LAN Cable)

KINSUN









Cable diameter:6~8.5mm (optional)
Conductor:22~26AWG (optional)
Insulation dimension : 1.2mm Max

Specification

RoHs Compliant

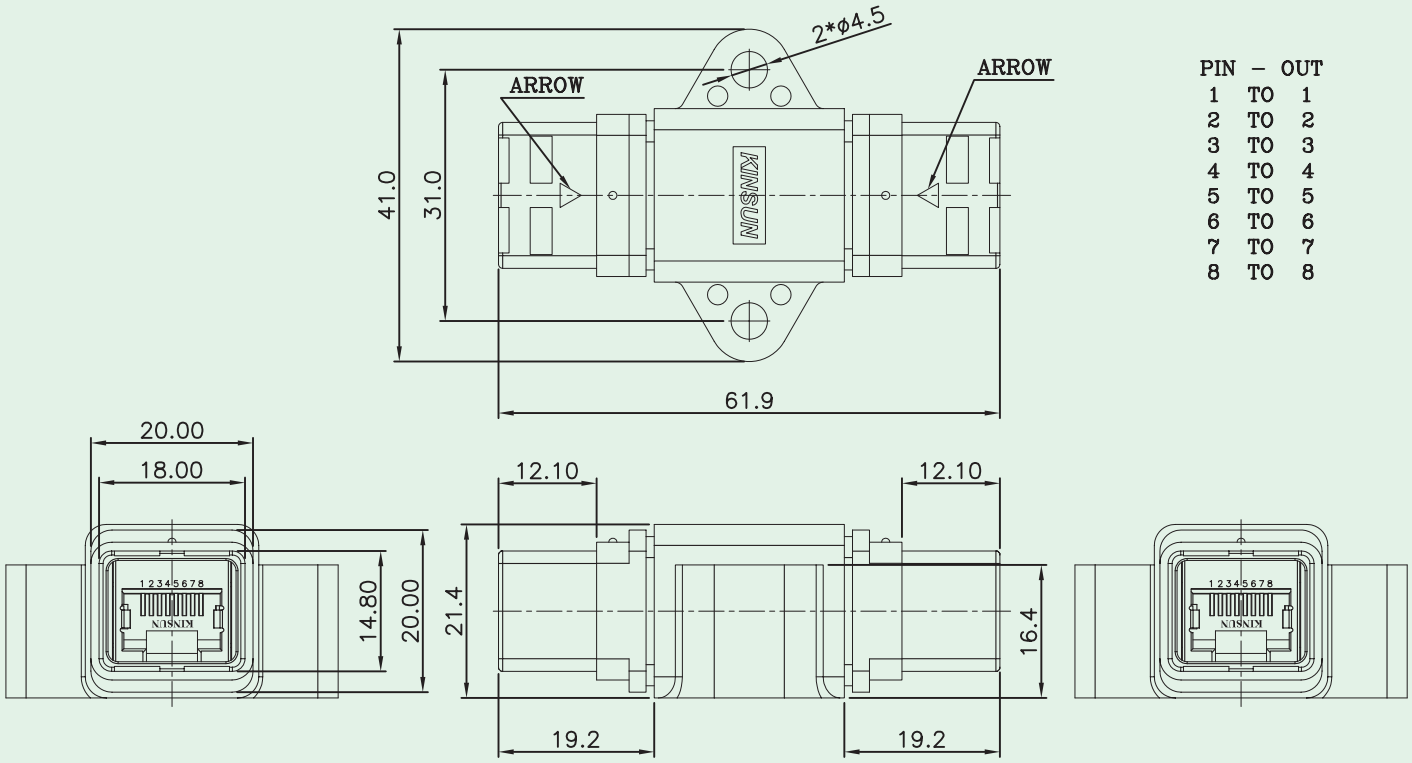
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact. Tin Plating Over Nickel In Solder Area.
- **O-Ring** : NBR Rubber.

Specification Option

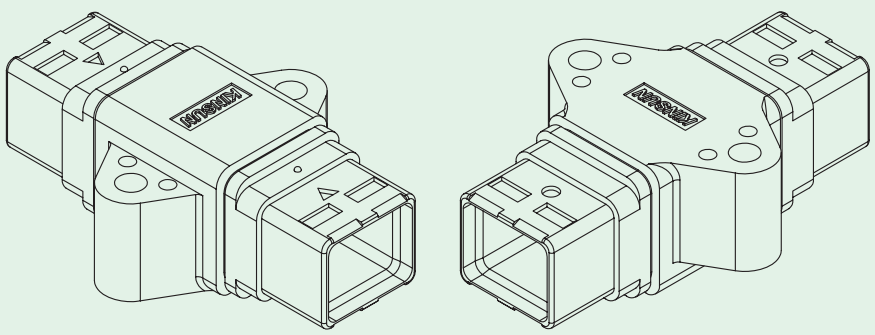
3358 L

RJ45 CAT6 Extension Cord Adapter (IP68)

KINSUN



PIN	–	OUT
1	TO	1
2	TO	2
3	TO	3
4	TO	4
5	TO	5
6	TO	6
7	TO	7
8	TO	8



Specification

RoHs Compliant

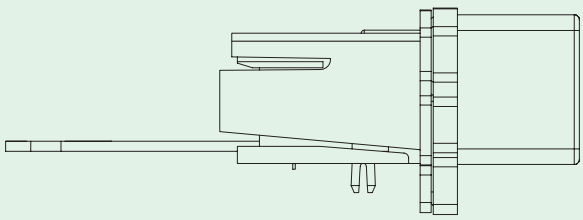
- **Plastic Housing** : Engineering Thermoplastic.
  Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Cold Plating Over Nickeel In Contact.
  Tin Plating Over Nickel In Solder Area.

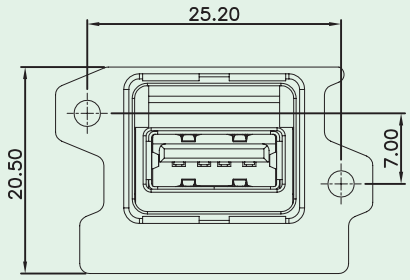
Specification Option

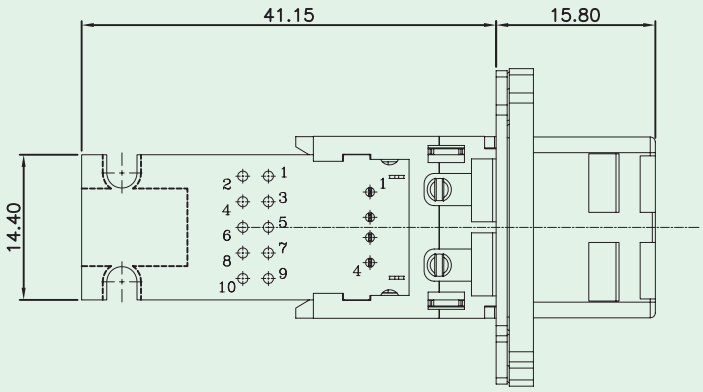
3358 M2

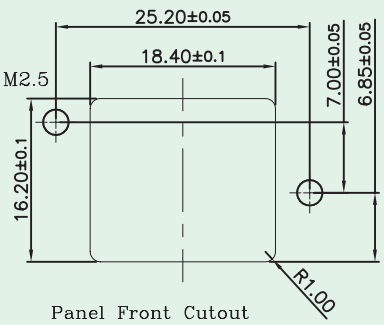
Push-Pull USB A Type 2.0/3.0 Jack Box Side (IP68)

KINSUN

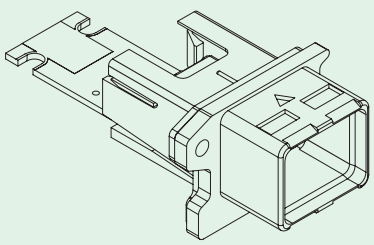




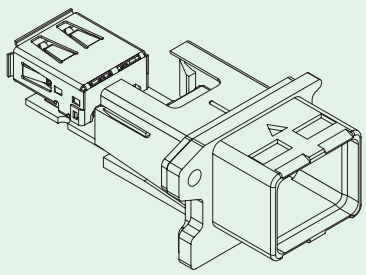




Panel Front Cutout



Single USB/A Type Jack



Coupler USB/A Type Jack

Specification

RoHs Compliant

- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact. Tin Plating Over Nickel In Solder Area.
- **Gasket** : Silicone

Specification Option

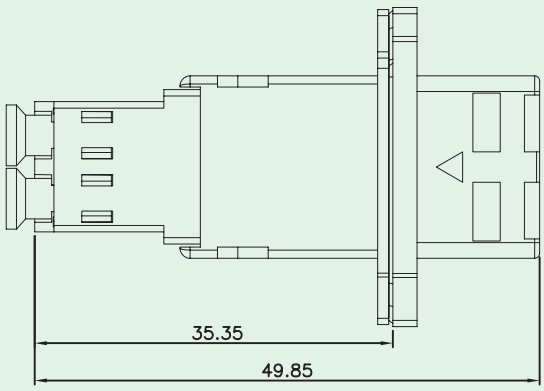
3358 E □ □

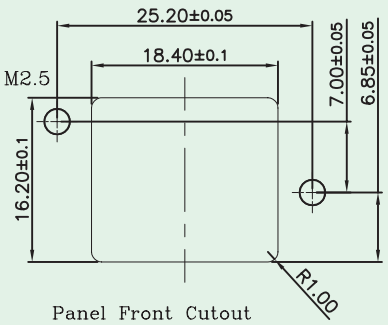
0 = A Type 2.0
1 = A Type 3.0

0 = Single Type
1 = Coupler Type

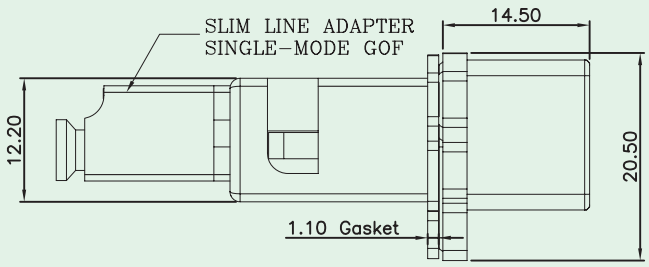
Push-Pull Fiber Adapter
Box Side (IP68)

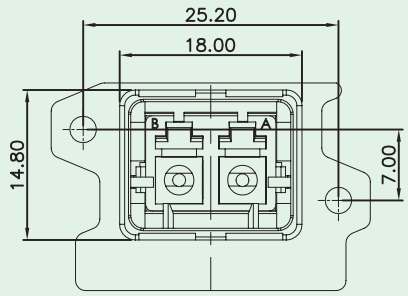
KINSUN



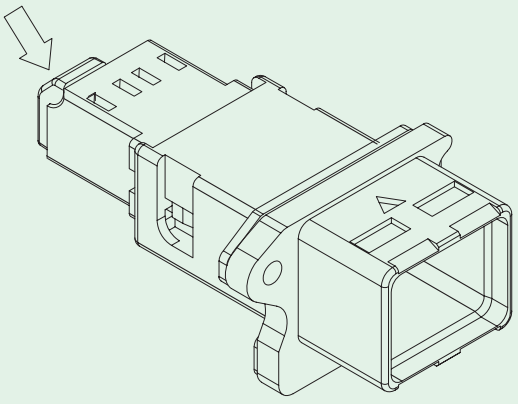


Panel Front Cutout

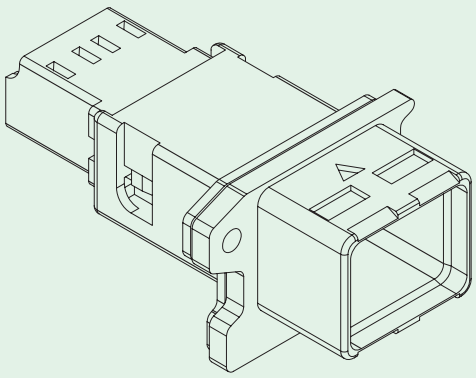




Block



Single Block Type



Normal Type

Specification

RoHs Compliant

- **Plastic Housing** : Engineering Thermoplastic.
  Flammability Rating UL 94V-0.
- **Gasket** : Silicone
- **Connector** : LC Adapter Duplex.

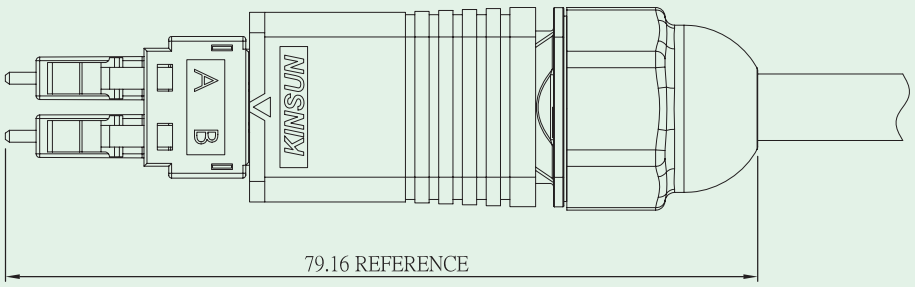
Specification Option

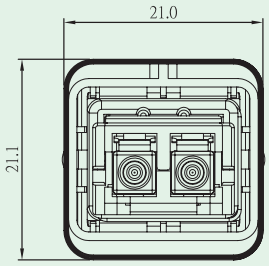
3358 D □

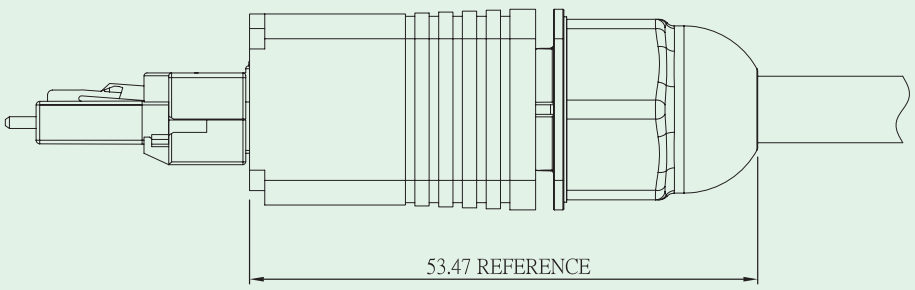
0 : Normal Type
1 : Single Block Type

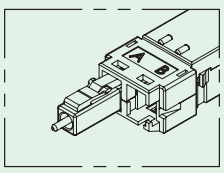
Push-Pull Fiber Cable Side (For LC Patch Cable / IP68)

KINSUN

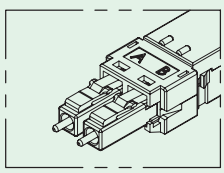




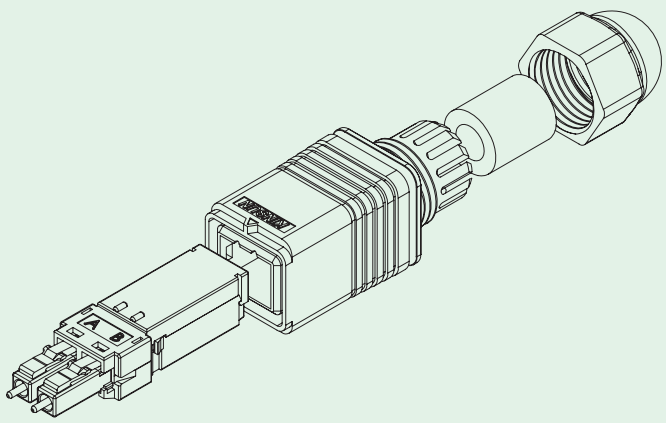




Simplex LC Fiber Connector



Duplex LC Fiber Connector



Specification

RoHs Compliant

- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **O-Ring** : NBR Rubber.
- **Connector** : LC Optic Connector
- **Cable diameter** : 5.5-6mm

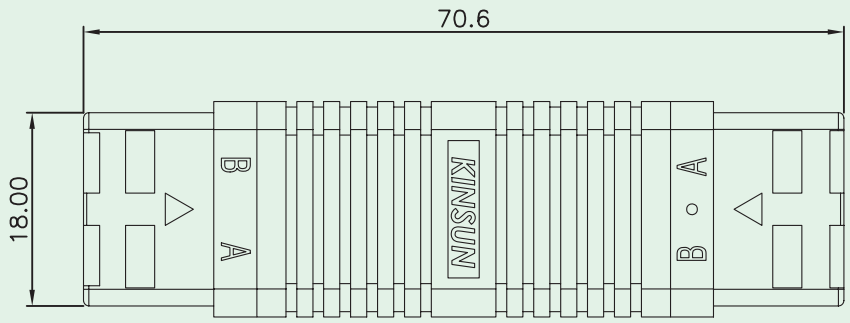
Specification Option

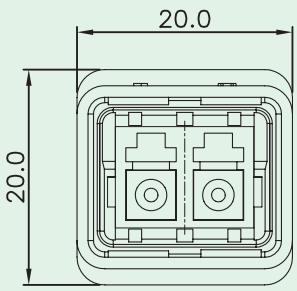
3358 LC □

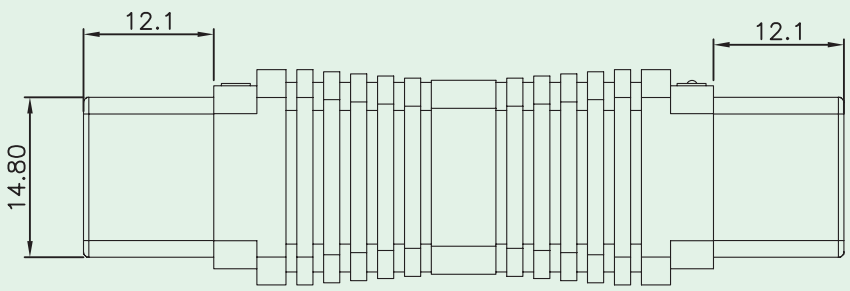
1 = Single Type
2 = Dual Type

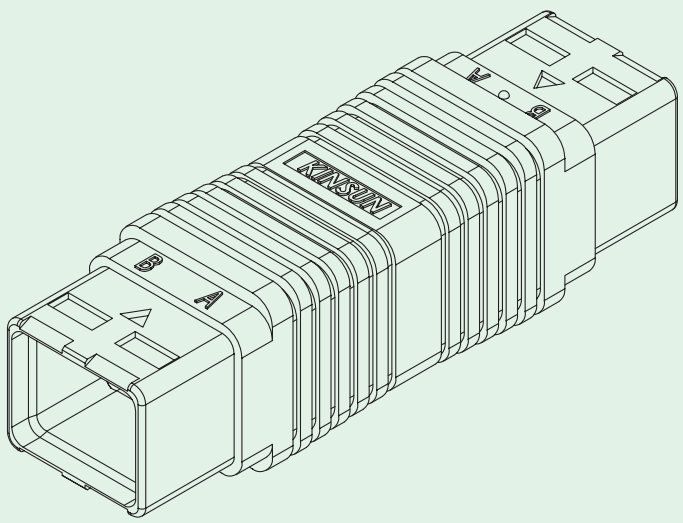
Optic Extension Cord Adapter (IP68)

KINSUN









Specification

RoHs Compliant

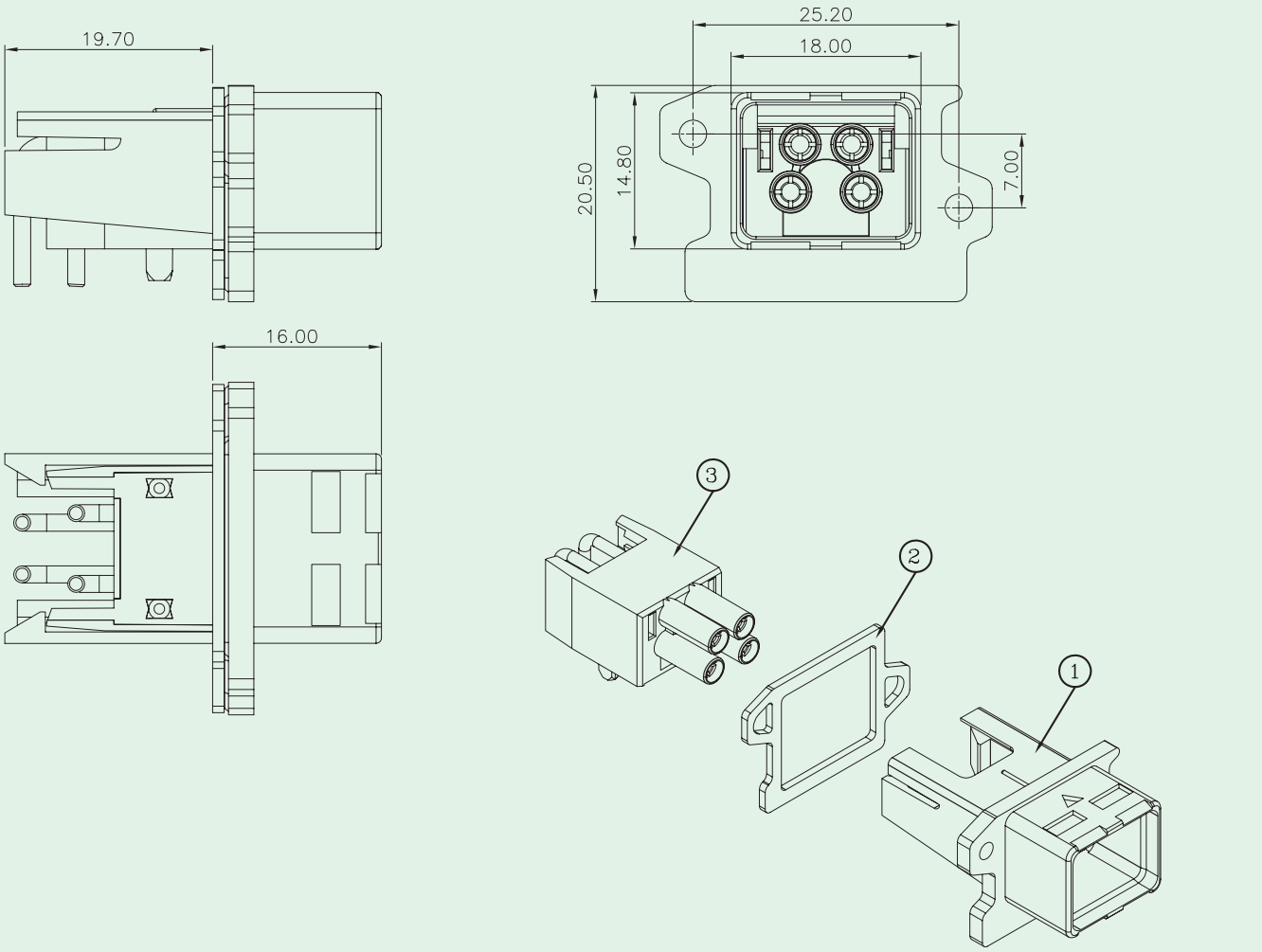
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **Connector** : LC Adapter Duplex.

Specification Option

3358 M

Push-Pull 4PIN Power Connector (IP68)

KINSUN



Specification

RoHs Compliant

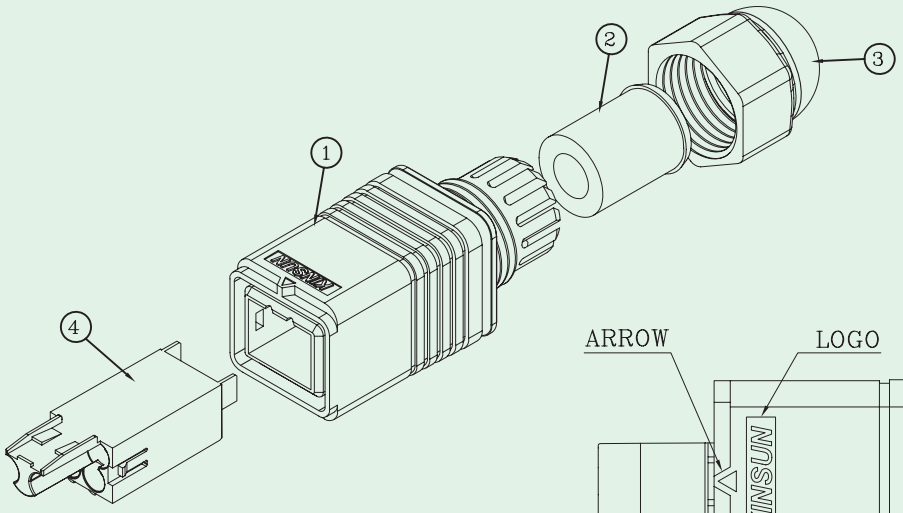
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **O-Ring** : NBR Rubber.
- **Contacts** : 4pin Power Connector.

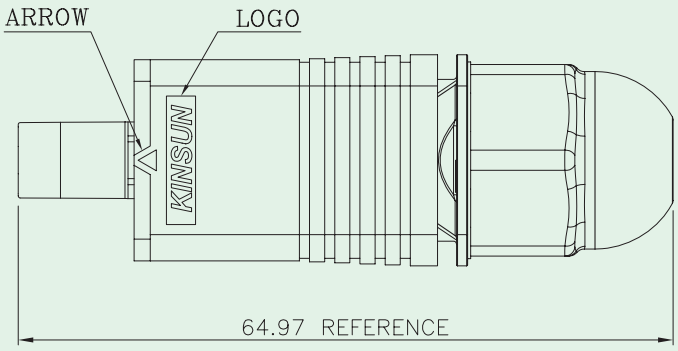
Specification Option

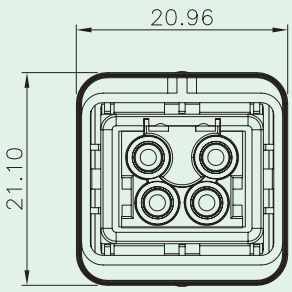
3358 G

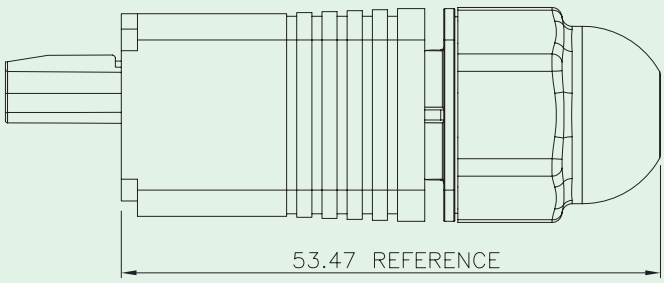
Push-Pull 4PIN Power Cable (IP68)

KINSUN









CABEL SIDE

CURRENT RATING: 5 Amp
VOLTAGE RATING: 12 Volt/DC

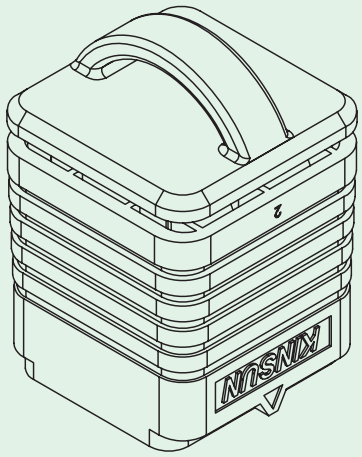
Specification

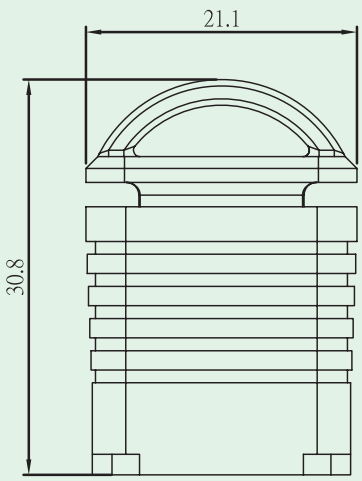
RoHs Compliant

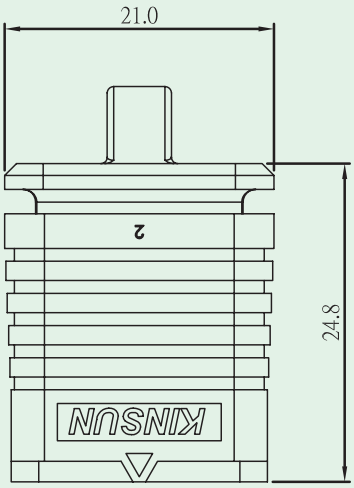
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **O-Ring** : NBR Rubber.
- **Contacts** : 4pin Power Connector.

Specification Option

3358 L







Specification

RoHs Compliant

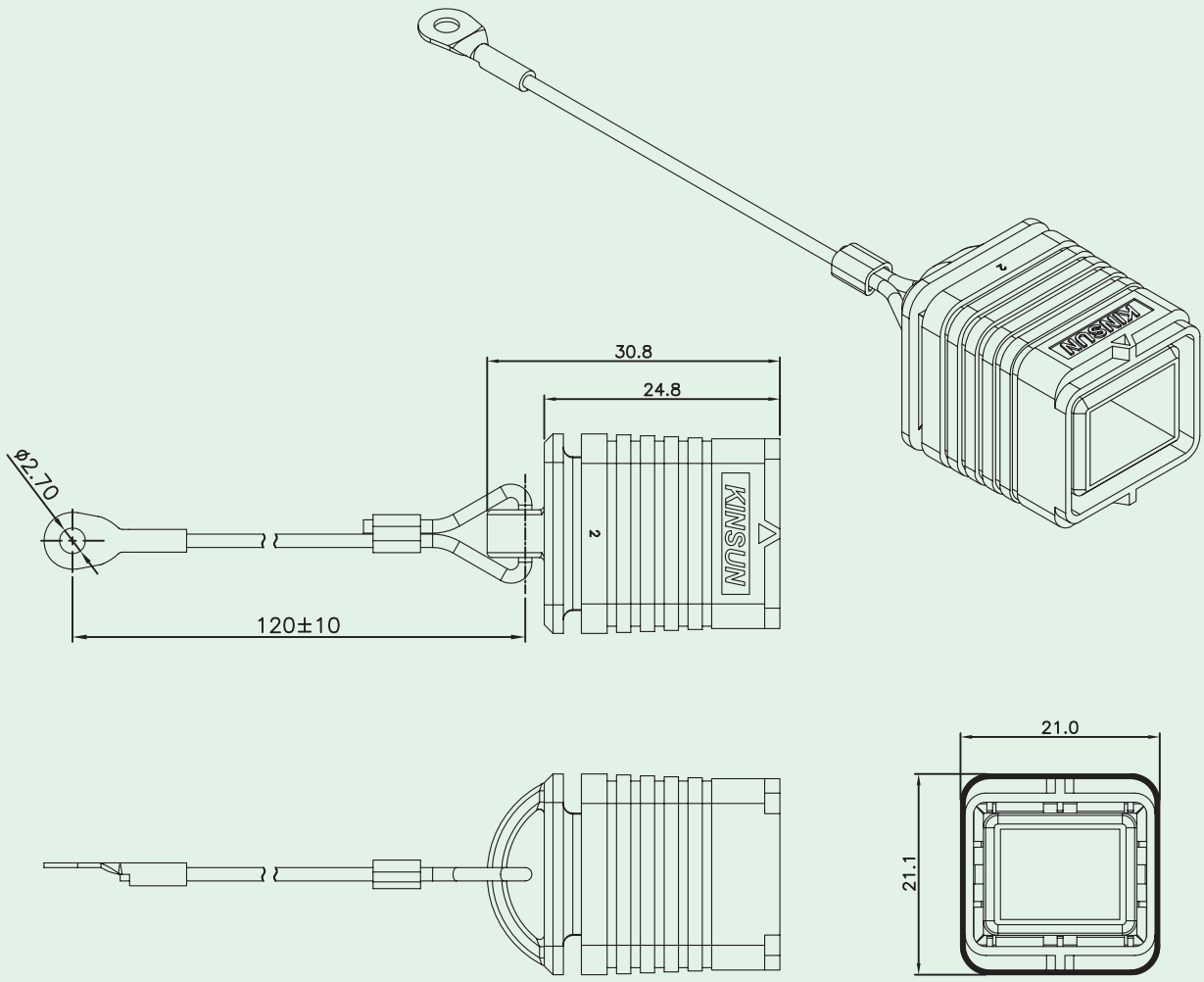
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **O-Ring** : NBR Rubber.

Specification Option

3358 A-00

Push-Pull Cap With Chain (IP68)

KINSUN



Specification

RoHs Compliant

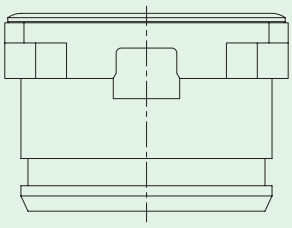
- **Plastic Housing** : Engineering Thermoplastic. Flammability Rating UL 94V-0.
- **O-Ring** : NBR Rubber.
- **M2.5 Screw Crimping Ring** : Stainless Steel.
- **Cord** : Nylon.

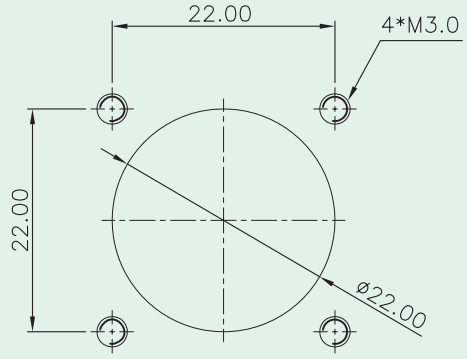
Specification Option

3358 A-01

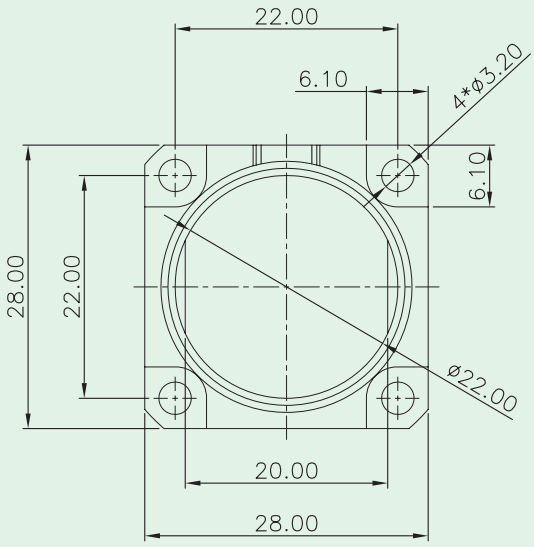
Push-Pull Metal Fiber Adapter
Box Side

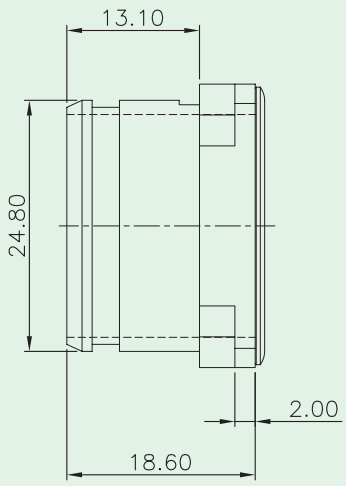
KINSUN

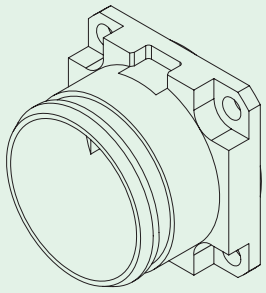


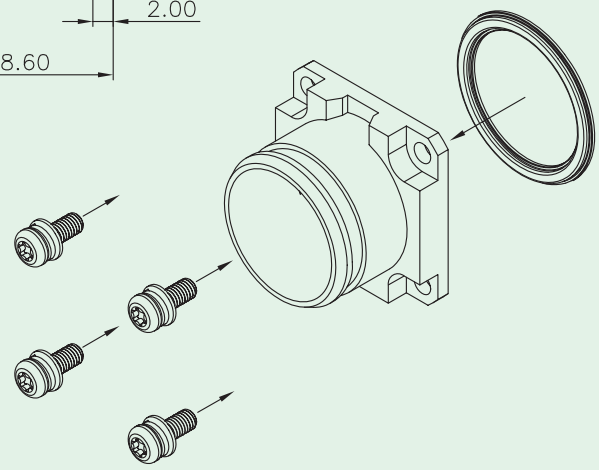


Panel Front Cutout









Specification

RoHs Compliant

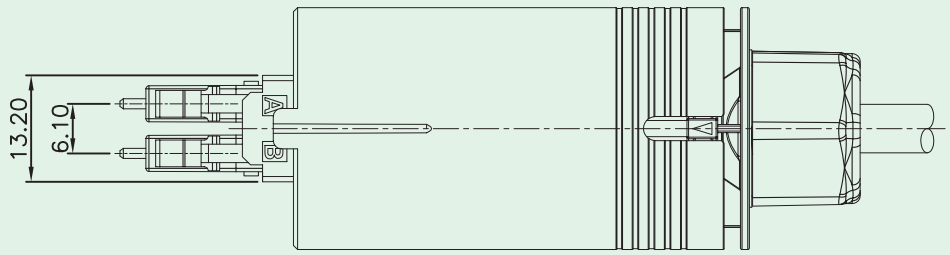
- **Housing** : Aluminum, E.D Plated.
- **Gasket** : Silicone
- **Connector** : LC Adapter Duplex

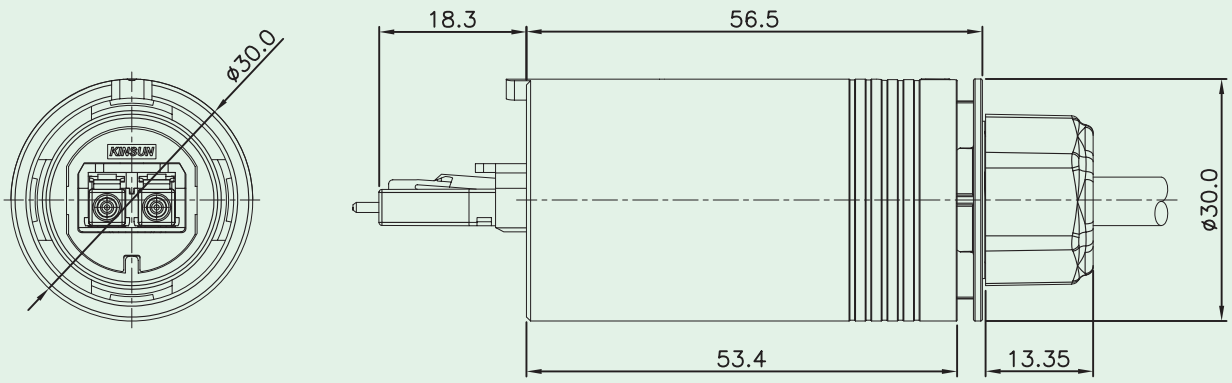
Specification Option

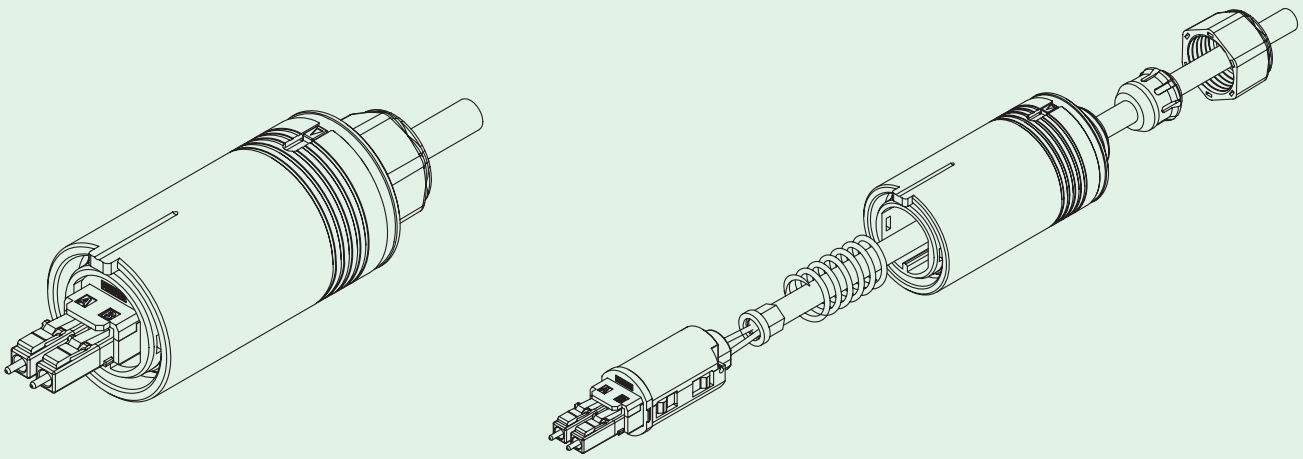
3359 D

Push-Pull Metal Fiber Cable Side (For LC Patch Cable)

KINSUN







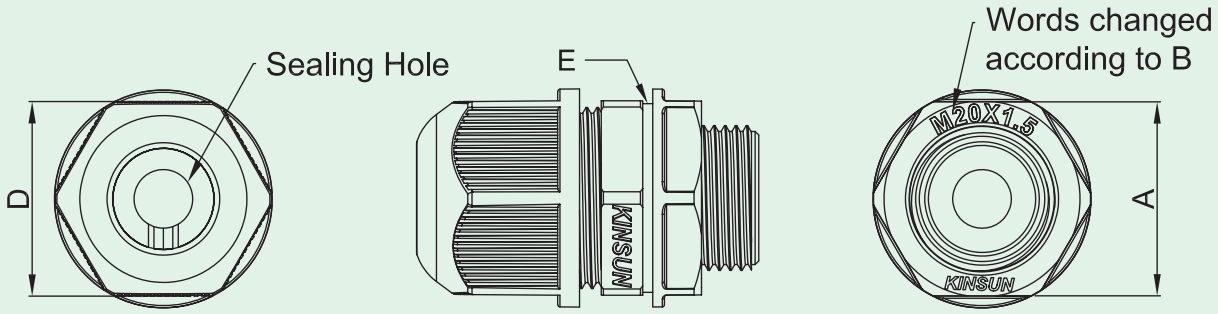
Specification

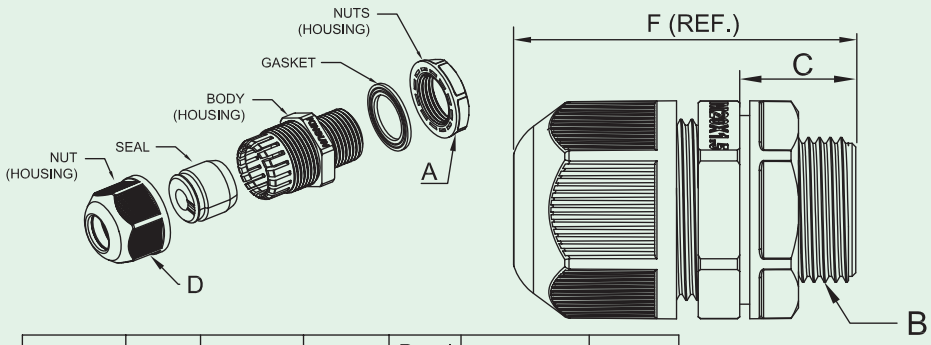
RoHs Compliant

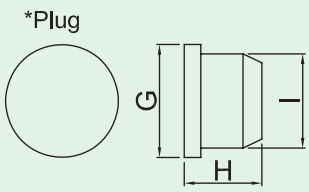
- **Housing** : Aluminum, E.D Plated.
- **O-RING** : NBR Rubber.
- **Connector** : LC Optic Connector

Specification Option

3359 L

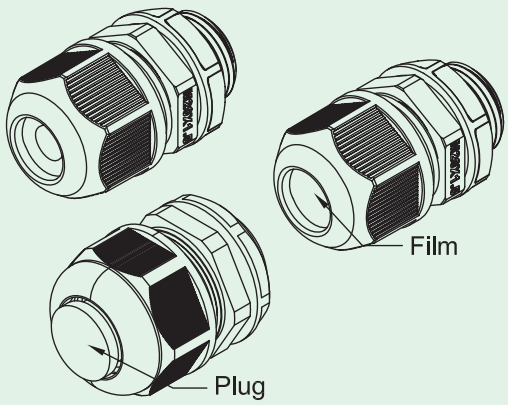






No.	G	H	I
1	22.5	18	18
2	24	16.5	20

Thread B	Thread Length C	Cable Range Ø	Spanner Size A / D	Panel Thick (Max.) E	Total Length F (REF.)	Remark
PG9	9.2	5.0~8.0	22 / 19	2.50	31.61(REF.)	-
M8x1.25P	7.5	2.0~5.0	13 /12	1.50	26.80(REF.)	-
M12x1.5P	10	5.5~6.5	16 /19	5.50	28.00(REF.)	Metal
M12x1.5P	10	7.0~8.6	16 /19	5.50	28.00(REF.)	Metal
M16x1.5P	15	4.0~7.0	22 / 22	5.50	41.45(REF.)	-
M20x1.5P	16	2.0~1.5	27 / 27	6.50	49.30(REF.)	-
		4.0~6.0				
		5.0~8.0				
		7.0~11.0				
		10.0~14.0				
M25x1.5P	10	2.0~1.5	33 / 27	1.50	41.00(REF.)	-
		4.0~6.0				
		5.0~8.0				
		7.0~11.0				
		10.0~14.0				
M25x1.5P	15	10.0~18.0	33 / 33	7.00	53.50(REF.)	-
M25x1.5P	10	8.0~14.0	33 / 27	3.00	45.00(REF.)	Film
M32x1.5P	15	17.0~20.0	41 / 43	7.00	58.00(REF.)	-



Specification

RoHs Compliant

- **Material** : PA66(Plastic), Silicone(Sealing & Gasket)
- **Protection Rating** : IP68
- **UL Certificate** : UL94V-0
- **Operating Temperature** : -40°C ~ 105°C
- **Operating Temperature** : -40°C ~ 105°C
- **Torque Force** : Clamp End 11-13 kgf/cm / Box End 12-15kgf/cm

Specification Option

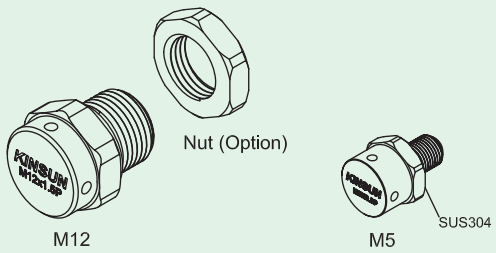
430X-X X

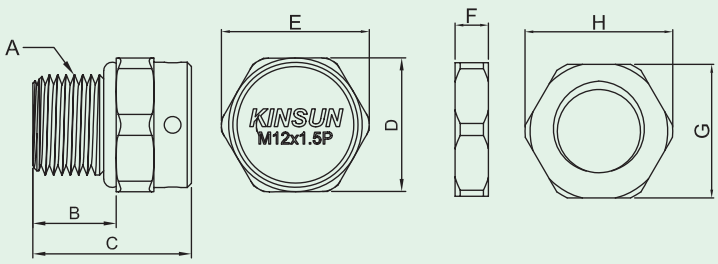
- X: 1:Plastic, 2:Metal
- X: A:PG9, B:M8×1.25P, C:M12×1.5P, D:M16×1.5P, E:M20×1.5P, F:M25×1.5P, G:M32×1.5P
- Number of Sealing Hole

Vent Plug

KINSUN

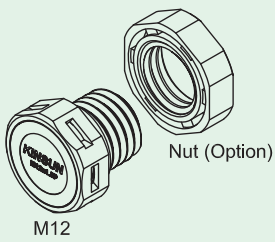
Metal

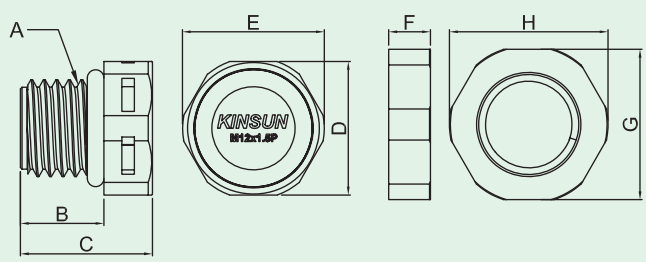




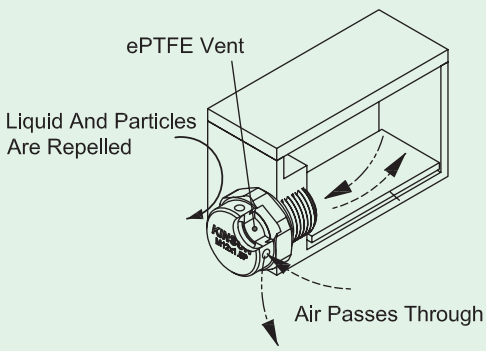
Main Part					Nut					Air Permeability
Thread A	Thread Length B	Total Length C	Hex. D	Hex. E	Nut	Hex. F	Diagonal. G	Hex. H	Panel Thick (Max.)	(ml@70mbar)
M5x0.8P	7	15	10	11.20	W/O	-	-	-	6	> 300
M12x1.0P	10	19	16	17.70	W/O	-	-	-	9	> 1000
M12x1.5P	10	19	16	17.70	W/O	-	-	-	9	> 1000
M12x1.5P	10	19	16	17.70	With	4	17.7	16	5	> 1000
M12x1.5P	11	20	16	17.70	With	4	17.7	16	6	> 1000
M12x1.5P	20	29	16	17.70	With	4	17.7	16	15	> 1000

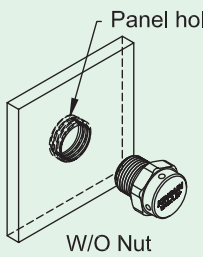
Plastic

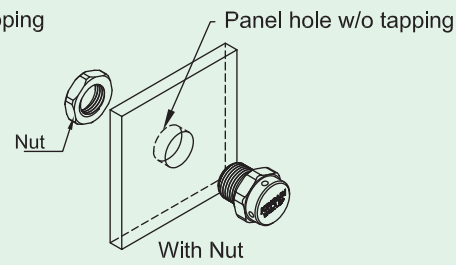




Main Part					Nut					Air Permeability
Thread A	Thread Length B	Total Length C	Hex. D	Hex. E	Nut	Hex. F	Diagonal. G	Hex. H	Panel Thick (Max.)	(ml@70mbar)
M6x0.75P	7	12.3	10	10.6	With	3	11.25	9.9	3	> 300
M8x1.25P	10	15.2	14	15.0	With	5	14.80	13.0	4	> 800
M8x1.25P	10	15.2	14	15.0	W/O	-	-	-	9	> 800
M12x1.5P	10	15.8	18	19.0	W/O	-	-	-	9	> 1000
M12x1.5P	10	15.8	18	19.0	With	5	20.00	18.0	4	> 1000







Specification

RoHs Compliant

- **Material** : C3604/SUS(Housing), PA66(Plastic), Silicone(Oring), EPTFE/Acrylic Copolymer(Membrane)
- **UL Certificate** : UL94V-0, UL508A
- **Protection Rating** : IP68
- **Operating Temp.** : 0°C to 105°C/-40°C to 120°C
- **Nut Torque** : 8-12 Kgf/cm

Specification Option

438X-X X X

- 0:Metal, 1:Plastic
- 1:With Nut, 2:W/O Nut
- 1:Short Thread, 2:Long Thread
- 1:M5×0.8P, 2:M6×0.75P, 3:M8×1.25P, 4:M12×1.0P, 5:M12×1.5P

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